

# **EXHIBIT 2**

**AMENDED APPENDIX C - Summary of Industry Usage of Command Modes and Prompts**

<b>Cisco Command Mode</b>	<b>Stanford Ethertip/Gateway Modes</b>	<b>Adtran AOS Command Mode</b>	<b>Alcatel Command Mode</b>	<b>Allied Telesis Command Mode</b>	<b>Lucent Command Mode</b>
User EXEC	User	Basic (command security level)	Normal Exec	User Exec	User
Privileged EXEC or EXEC [1]	Privileged	Enable (command security level)	Privileged Exec	Privileged Exec	Privileged
Global Configuration	N/A	Global (configuration mode)	Global Configuration	Global Configuration	Global
Interface Configuration	N/A	Interface (configuration mode)	Interface Configuration	Interface Configuration	Interface
<b>Cisco Command Prompt [2]</b>	<b>Stanford Ethertip/Gateway Prompts</b>	<b>Adtran AOS Command Prompt</b>	<b>Alcatel Command Prompt</b>	<b>Allied Telesis Command Prompt</b>	<b>Lucent Command Prompt</b>
router> switch>	>	Router>	Console>	Console>	Cajun>
router# switch#	#	Router#	Console#	Console#	Cajun#
router(config)# switch(config)#	N/A	Router(config)#	Console(config)#	Console(config)#	Cajun (configure)#
router(config-if)# router(config-if)#	N/A	Router(config-interface)#	Console(config-if)#	Console(config-if)#	Cajun (config-if:interface)#

**[1]** Exhibit Copying-4 to the Almeroth Opening Report states that "EXEC" is the command mode for NX-OS 5.0 through NX-OS 6.2. The command mode "Privileged EXEC" is associated with the remaining identified Cisco operating systems.

**[2]** The top Cisco command prompts are associated with certain versions of IOS, IOS XE, and IOS XR, as shown in Exhibit Copying-4 to the Almeroth Opening Report. The bottom command prompts are associated with certain versions of NX-OS, as shown in that same exhibit.

**AMENDED APPENDIX C - Summary of Industry Usage of Command Modes and Prompts**

<b>Nortel NNCLI Command Mode</b>	<b>Avaya ERS 8600 Command Mode</b>	<b>Foundry Command Mode</b>	<b>Brocade Command Mode</b>	<b>Dell Command Mode</b>	<b>Force 10 Command Mode (2008+)</b>
User EXEC	User EXEC	User EXEC	User EXEC	User EXEC	User Exec
Privileged EXEC	Privileged EXEC	Privileged EXEC	Privileged EXEC	Privileged EXEC	Privileged Exec
Global Configuration	Global Configuration	Global CONFIG	Global configuration	Global Configuration	Global Config
Interface Configuration	Interface Configuration	Interface CONFIG	Interface subtype configuration	Interface Configuration	Interface Config
<b>Nortel NNCLI Command Prompt</b>	<b>Avaya ERS 8600 Command Prompt</b>	<b>Foundry Command Prompt</b>	<b>Brocade Command Prompt</b>	<b>Dell Command Prompt</b>	<b>Force 10 Command Prompt</b>
Passport-8300:5>	ERS-8600:5>	BigIron>	device>	console>	hostname >
Passport-8300:5#	ERS-8600:5#	BigIron#	device#	console#	hostname #
Passport-8300:5(config)#	ERS-8600:5<config>#	BigIron(config)#	device(config)#	console(config)#	hostname (Config)#
Passport-8300:5(config-if)#	ERS-8600<config-if>#	BigIron(config-if-5/1)#	device(config-if-e1000- 1/1/1)#	console(config-if)#	hostname (conf-if-vl-vlan- id)#

**AMENDED APPENDIX C - Summary of Industry Usage of Command Modes and Prompts**

<b>D-Link CLI Command Mode</b>	<b>Edge-Core CLI Command Mode</b>	<b>Ericsson (2006) CLI Command Mode</b>	<b>Ericsson (2009) CLI Command Mode</b>	<b>Redback CLI Command Mode</b>	<b>Extreme Networks CLI Command Mode</b>
User EXEC	Normal EXEC	Normal EXEC	User EXEC	Exec (privilege level < 6)	User Exec (or USER EXEC)
Privileged EXEC	Privileged EXEC	Privileged EXEC	Privileged EXEC	Exec (privilege level 6+)	Privileged Exec (or PRIV EXEC)
Global Configuration	Global Configuration	Global Configuration	Global Configuration	Global Configuration	Global Configuration
Interface Configuration	Interface Configuration	Interface Configuration	Interface Configuration	Interface Configuration	Interface Configuration
<b>D-Link CLI Command Prompt</b>	<b>Edge-Core CLI Command Prompt</b>	<b>Ericsson (2006) CLI Command Prompt</b>	<b>Ericsson (2009) CLI Command Prompt</b>	<b>Redback CLI Command Prompt</b>	<b>Extreme Networks CLI Command Prompt</b>
Console>	Console>	Console>	esn212>	>	WMController>
Console#	Console#	Console#	esn212#	#	WMController#
Console(config)#	Console(config)#	Console(config)#	esn212(config)#	(config)#	WMController(config)#
Console(config-if)#	Console(config-if)#	Console(config-if)#	esn212(config-if)#	(config-if)#	WMController(config-if)#

**AMENDED APPENDIX C - Summary of Industry Usage of Command Modes and Prompts**

<b>HP ProCurve CLI Command Mode</b>	<b>Unisphere CLI Command Mode</b>	<b>Juniper JUNOS CLI Command Mode</b>	<b>ISCLI Command Mode</b>	<b>NETGEAR ProSAFE Command Mode</b>	<b>NextHop Command Mode</b>
User EXEC	User EXEC	User EXEC	User EXEC	User EXEC	User Execution
Privileged Exec	Privileged Exec	Privileged EXEC	Privileged Exec	Privileged Exec	Privileged Execution
CONFIG ("global CONFIG" level)	Global Configuration	Global Configuration	Global Configuration	Global Config	Global Configuration
CONFIG ("interface level")	Interface Configuration	Interface Configuration	Interface Port Configuration	Interface Config	Interface Configuration
<b>HP ProCurve CLI Command Prompt</b>	<b>Unisphere CLI Command Prompt</b>	<b>Juniper JUNOS CLI Command Prompt</b>	<b>ISCLI Command Prompt</b>	<b>NETGEAR ProSAFE Command Prompt</b>	<b>NextHop Command Prompt</b>
HP9300>	ERX-0-1-90>	host1>	G8000>	Switch>	routerz>
HP9300#	ERX-0-1-90#	host1#	G8000#	Switch#	routerz#
HP9300(config)#	ERX-0-1-90(config)#	host1(config)#	G8000(config)#	Switch (Config)#	routerz(config)#
HP9300(config-if-5/1)#	ERX-0-1-90(config-if)#	host1(config-if)#	G8000(config-if)#	Switch (Interface <unit/slot/port>)#	routerz(config-if)#

**AMENDED APPENDIX C - Summary of Industry Usage of Command Modes and Prompts**

<b>Oracle/Sun Command Mode (2012)</b>	<b>Procket Command Mode</b>
User EXEC	Operations command mode (Non-Privileged)
Privileged EXEC	Operations command mode (Privileged)
Global Configuration	Configuration command mode
Interface Configuration	Interface subcommand mode
<b>Oracle/Sun Command Prompt (2012)</b>	<b>Procket Command Prompt</b>
SEFOS>	Router>
SEFOS#	Router#
SEFOS(config)#	Router(config)#
SEFOS(config-if)#	Router(config-if)#

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# AMENDED APPENDIX D - First Command Word Hierarchy Usage by Vendors

	# Vendors	ADTRAN	Alcatel/ALU	Allied Telesis	Avaya	Brocade	Dell (incl. Force10)	D-Link	Edge-Core	Ericsson	Extreme (incl. Enterasys)	Foundry Networks
aaa	13	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
address-family	11	SUPPORTED				SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
aggregate-address	11				SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
area	16	SUPPORTED			SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
arp	15	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
banner	13	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
bfd	4					SUPPORTED	SUPPORTED	SUPPORTED				
bgp	9	SUPPORTED			SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	
boot	15	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
channel-group	10		SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	
class-map	9		SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		
clear	18	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
clock	15	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
control-plane	2						SUPPORTED					
default-information	13	SUPPORTED		SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	
default-metric	12				SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
distance	13	SUPPORTED				SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
domain-id	3							SUPPORTED				SUPPORTED
dot1x	13		SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
enable	18	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
erase	11			SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
errdisable	6		SUPPORTED			SUPPORTED		SUPPORTED			SUPPORTED	SUPPORTED
flowcontrol	11	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		
interface	18	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
ip	18	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
ipv6	17	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
is-type	6				SUPPORTED		SUPPORTED				SUPPORTED	SUPPORTED
isis	8				SUPPORTED	SUPPORTED	SUPPORTED				SUPPORTED	SUPPORTED
lacp	15		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
link	5	SUPPORTED					SUPPORTED	SUPPORTED				
lldp	13	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	
load-interval	4											SUPPORTED
log-adjacency-changes	4						SUPPORTED					SUPPORTED
logging	15	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
mac	13	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
maximum-paths	11					SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED
neighbor	14	SUPPORTED			SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
network	17	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
no	17		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
ntp	11	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	
passive-interface	8			SUPPORTED			SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	
policy-map	9		SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		
port-channel	10	SUPPORTED		SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	
priority-flow-control	4					SUPPORTED		SUPPORTED	SUPPORTED			
private-vlan	8			SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		
ptp	1											
radius-server	14	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
redundancy	6						SUPPORTED	SUPPORTED			SUPPORTED	
route-map	13	SUPPORTED			SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
router	16	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
router-id	14				SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
routing-context	0											
service	15	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
set-overload-bit	4						SUPPORTED				SUPPORTED	SUPPORTED
show	18	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
snmp	11		SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED
snmp-server	17	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
spf-interval	4						SUPPORTED					SUPPORTED
statistics	3				SUPPORTED							
storm-control	9	SUPPORTED		SUPPORTED			SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	
switchport	12	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	
tacacs-server	14	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED
terminal	14		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
timers	16	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
username	14	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
vlan	16	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
vrf	7	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED				SUPPORTED
vrrp	8	SUPPORTED	SUPPORTED				SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	
Total:		38	33	39	38	48	61	58	52	33	49	46

**AMENDED APPENDIX D - First Command Word Hierarchy Usage by Vendors**

HP	ISCLI (Lenovo, IBM, BNT)	Juniper JUNOSe	NETGEAR	NextHop Techs.	Procket Networks	Sun/Oracle
SUPPORTED		SUPPORTED	SUPPORTED		SUPPORTED	
SUPPORTED		SUPPORTED		SUPPORTED	SUPPORTED	
SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED		
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED		SUPPORTED	SUPPORTED			SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED	
		SUPPORTED				
SUPPORTED		SUPPORTED		SUPPORTED		
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED			
		SUPPORTED				SUPPORTED
			SUPPORTED			SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED		SUPPORTED	SUPPORTED		SUPPORTED	
	SUPPORTED	SUPPORTED			SUPPORTED	SUPPORTED
SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED
SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
		SUPPORTED				
SUPPORTED	SUPPORTED		SUPPORTED			SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED		SUPPORTED	SUPPORTED		SUPPORTED	
	SUPPORTED					
SUPPORTED	SUPPORTED		SUPPORTED			
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	
SUPPORTED		SUPPORTED				
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED
SUPPORTED		SUPPORTED				
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
	SUPPORTED	SUPPORTED				
SUPPORTED			SUPPORTED	SUPPORTED		
			SUPPORTED			SUPPORTED
	SUPPORTED		SUPPORTED			SUPPORTED
			SUPPORTED			
	SUPPORTED					
SUPPORTED	SUPPORTED				SUPPORTED	
SUPPORTED		SUPPORTED			SUPPORTED	
SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED		SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
	SUPPORTED	SUPPORTED			SUPPORTED	
SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED		
			SUPPORTED			SUPPORTED
			SUPPORTED			SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
		SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
SUPPORTED		SUPPORTED		SUPPORTED		
	SUPPORTED		SUPPORTED			SUPPORTED
	SUPPORTED		SUPPORTED			SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	
SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	
SUPPORTED		SUPPORTED	SUPPORTED			
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED			SUPPORTED
SUPPORTED						

47

35

48

41

25

31

30



	Disputed CLI Command (or Command Fragment)	Vendors Supporting Command (Not Including Cisco or Arista)*
1.	ip address	18
2.	show ip route	17
3.	snmp-server community	17
4.	show clock	17
5.	ipv6 address	16
6.	ip route	16
7.	show users	16
8.	snmp-server location	16
9.	snmp-server contact	16
10.	show ip ospf interface	16
11.	clock set	16
12.	show ip interface	16
13.	router bgp	15
14.	default-information originate (OSPF)	15
15.	show version	15
16.	show arp	15
17.	snmp-server enable traps	15
18.	snmp-server view	14
19.	show spanning-tree	14
20.	maximum-paths	14
21.	show ip ospf neighbor	14
22.	ipv6 route	14
23.	terminal length	14
24.	show vlan	14
25.	snmp-server group	14
26.	clock timezone	14
27.	snmp-server user	14
28.	ip access-group	14
29.	snmp-server host	14
30.	show ipv6 interface	14
31.	tacacs-server host	14
32.	show ipv6 route	14
33.	show ip ospf	14
34.	tacacs-server key	14
35.	show ip route summary	13
36.	ip ospf hello-interval	13
37.	router ospf	13
38.	clear counters	13
39.	route-map	13
40.	default-metric (OSPF)	13
41.	ip ospf cost	13
42.	area range	13
43.	ip ospf dead-interval	13

44.	clear arp-cache	13
45.	ip name-server	13
46.	router rip	13
47.	aaa accounting	13
48.	ip domain lookup	12
49.	default-metric (OSPFv3)	12
50.	show ip interface brief	12
51.	aaa authentication login	12
52.	show privilege	12
53.	area stub	12
54.	tacacs-server timeout	12
55.	ip ospf priority	12
56.	default-information originate (OSPFv3)	12
57.	ip ospf retransmit-interval	12
58.	show ip pim interface	12
59.	boot system	12
60.	show route-map	12
61.	show interfaces	12
62.	show ip bgp	12
63.	show ip bgp neighbors	12
64.	show ipv6 route summary	11
65.	ip routing	11
66.	interface ethernet	11
67.	lACP system-priority	11
68.	show ip pim neighbor	11
69.	router-id	11
70.	show snmp engineID	11
71.	show dot1x	11
72.	interface vlan	11
73.	show hosts	11
74.	ipv6 access-list	11
75.	show ip bgp summary	11
76.	dot1x port-control	11
77.	ip ospf transmit-delay	11
78.	show mac-address-table	11
79.	area nssa	11
80.	show snmp user	11
81.	show ip mroute	11
82.	interface loopback	11
83.	spanning-tree link-type	11
84.	ip domain-name	11
85.	spanning-tree mode	11
86.	maximum-paths (OSPFv3)	10
87.	spanning-tree bpduguard	10
88.	lACP port-priority	10
89.	mac-address-table aging-time	10
90.	ipv6 nd ra interval	10

91.	show dot1x statistics	10
92.	address-family	10
93.	ip igmp snooping	10
94.	snmp-server engineID local	10
95.	ip igmp query-interval	10
96.	area default-cost	10
97.	ip host	10
98.	show snmp	10
99.	show ip access-lists	10
100.	show snmp group	10
101.	show ipv6 neighbors	10
102.	show ip igmp interface	10
103.	area range (OSPFv3)	10
104.	ip proxy-arp	10
105.	show lldp	10
106.	ipv6 nd ra lifetime	10
107.	ip helper-address	10
108.	spanning-tree cost	10
109.	show port-security	10
110.	ipv6 nd managed-config-flag	10
111.	arp timeout	10
112.	ipv6 ospf area	10
113.	show ip ospf border-routers	10
114.	show ip igmp groups	10
115.	show ipv6 ospf neighbor	9
116.	show ip pim rp-hash	9
117.	mac access-group	9
118.	no snmp-server	9
119.	spanning-tree mst configuration	9
120.	radius-server host	9
121.	ipv6 nd other-config-flag	9
122.	show mac-address-table aging time	9
123.	ip access-list	9
124.	show monitor session	9
125.	dot1x reauthentication	9
126.	ip pim dr-priority	9
127.	switchport mode	9
128.	aggregate-address	9
129.	dot1x timeout tx-period	9
130.	show radius	9
131.	logging host	9
132.	show ip igmp snooping	9
133.	ip prefix-list	9
134.	show ip igmp snooping mrouter	9
135.	show interfaces status	9
136.	clear ipv6 neighbors	9
137.	area stub (OSPFv3)	9

138.	banner motd	9
139.	ipv6 nd reachable-time	9
140.	ipv6 nd ns-interval	9
141.	storm-control	9
142.	dot1x timeout reauth-period	9
143.	show ipv6 ospf interface	9
144.	show spanning-tree mst configuration	9
145.	neighbor remote-as	9
146.	show tacacs	9
147.	show interfaces switchport	9
148.	show ip dhcp snooping	8
149.	show vrrp	8
150.	show spanning-tree blockedports	8
151.	show ip ospf database database-summary	8
152.	ip igmp last-member-query-interval	8
153.	area nssa (OSPFv3)	8
154.	ip nat pool	8
155.	channel-group	8
156.	show storm-control	8
157.	dot1x system-auth-control	8
158.	ip ospf network	8
159.	dot1x timeout quiet-period	8
160.	ip dhcp snooping vlan	8
161.	radius-server key	8
162.	mac-address-table static	8
163.	radius-server timeout	8
164.	ipv6 ospf priority	8
165.	show lldp neighbors	8
166.	show spanning-tree interface	8
167.	ip igmp version	8
168.	ipv6 router ospf	8
169.	ipv6 neighbor	8
170.	interface port-channel	8
171.	show mac-address-table count	8
172.	area nssa default-information-originate	8
173.	show ntp status	8
174.	ip dhcp snooping	8
175.	ipv6 ospf cost	8
176.	show ip bgp peer-group	8
177.	router-id (OSPFv3)	8
178.	spanning-tree port-priority	8
179.	ipv6 ospf dead-interval	8
180.	switchport access vlan	8
181.	area default-cost (OSPFv3)	8
182.	ip ospf authentication	8
183.	ip ospf authentication-key	8
184.	ipv6 ospf hello-interval	8

185.	ntp server	7
186.	show isis database	7
187.	banner login	7
188.	ipv6 prefix-list	7
189.	switchport trunk native vlan	7
190.	passive-interface	7
191.	lldp receive	7
192.	ip multicast-routing	7
193.	ipv6 host	7
194.	neighbor shutdown	7
195.	ipv6 ospf transmit-delay	7
196.	is-type	7
197.	neighbor next-hop-self	7
198.	show ip arp	7
199.	ip igmp snooping querier	7
200.	passive-interface (OSPFv3)	7
201.	neighbor route-reflector-client	7
202.	router isis	7
203.	ipv6 enable	7
204.	show ipv6 ospf	7
205.	ip pim rp-address	7
206.	clear ip bgp	7
207.	show lacp counters	7
208.	show ip bgp community	7
209.	switchport trunk allowed vlan	7
210.	ip radius source-interface	7
211.	show ip prefix-list	7
212.	area nssa no-summary	7
213.	neighbor password	7
214.	port-channel load-balance	7
215.	show reload	7
216.	neighbor timers	7
217.	switchport private-vlan mapping	6
218.	show snmp view	6
219.	show ntp associations	6
220.	neighbor route-map	6
221.	lldp transmit	6
222.	neighbor update-source	6
223.	clear mac-address-table dynamic	6
224.	network area	6
225.	ipv6 ospf retransmit- interval	6
226.	set-overload-bit	6
227.	show vlan private-vlan	6
228.	show dot1q-tunnel	6
229.	log-adjacency-changes (IS-IS)	6
230.	area nssa default-information-originate (OSPFv3)	6
231.	ip igmp static-group	6

232.	show ip helper-address	6
233.	ipv6 ospf network	6
234.	ip pim rp-candidate	6
235.	show policy-map interface	6
236.	show ip igmp snooping groups	6
237.	show qos maps	6
238.	show ip nat translations	6
239.	show vlan internal usage	6
240.	ipv6 dhcp relay destination	6
241.	lldp run	6
242.	ip access-list standard	6
243.	log-adjacency-changes	6
244.	show ipv6 access-list	6
245.	spanning-tree bpdupfilter	6
246.	timers basic (RIP)	6
247.	neighbor activate	6
248.	ipv6 nd prefix	6
249.	terminal monitor	6
250.	mac-address	5
251.	bgp cluster-id	5
252.	isis priority	5
253.	neighbor ebgp-multihop	5
254.	private-vlan	5
255.	ip nat translation tcp-timeout	5
256.	neighbor description	5
257.	ip nat translation udp-timeout	5
258.	show ip extcommunity-list	5
259.	show ipv6 prefix-list	5
260.	lldp timer	5
261.	neighbor remove-private-as	5
262.	ip tacacs source-interface	5
263.	show mac access-lists	5
264.	ip multicast boundary	5
265.	neighbor weight	5
266.	show spanning-tree mst	5
267.	show interfaces description	5
268.	ip igmp query-max-response-time	5
269.	neighbor send-community	5
270.	ntp authenticate	5
271.	errdisable recovery cause	5
272.	ntp authentication-key	5
273.	ip pim bsr-candidate	5
274.	ip pim sparse-mode	5
275.	show ip bgp regexp	5
276.	radius-server deadtime	5
277.	show snmp community	5
278.	spanning-tree guard	5

279.	ipv6 unicast-routing	5
280.	radius-server retransmit	5
281.	isis hello-multiplier	5
282.	neighbor default-originate	5
283.	show ip community-list	5
284.	distance bgp	5
285.	isis metric	5
286.	ip as-path access-list	5
287.	timers bgp	5
288.	ip community-list standard	5
289.	show isis interface	5
290.	spf-interval	4
291.	bgp client-to-client reflection	4
292.	ip icmp redirect	4
293.	show ip msdp peer	4
294.	load-interval	4
295.	show ip msdp sa-cache	4
296.	show port-security interface	4
297.	show ip msdp summary	4
298.	show environment power	4
299.	clear ip igmp group	4
300.	show vrf	4
301.	clear ip mroute	4
302.	show inventory	4
303.	ipv6 access-group	4
304.	errdisable recovery interval	4
305.	clear ip msdp sa-cache	4
306.	neighbor peer-group (creating)	4
307.	show ip rip database	4
308.	bgp redistribute internal	4
309.	ip load-sharing	4
310.	show spanning-tree root	4
311.	show ipv6 ospf border-routers	4
312.	ip ospf message-digest-key	4
313.	ip dhcp snooping information option	4
314.	snmp-server engineID remote	4
315.	neighbor peer-group (assigning members)	4
316.	show interfaces transceiver	4
317.	clear lldp counters	4
318.	log-adjacency-changes (OSPFv3)	4
319.	ip local-proxy-arp	4
320.	show ip bgp paths	4
321.	bgp log-neighbor-changes	4
322.	neighbor local-as	4
323.	clear spanning-tree counters	4
324.	isis hello-interval	4
325.	show ip mroute count	3

326.	ip igmp snooping vlan	3
327.	aaa authorization config-commands	3
328.	port-channel min-links	3
329.	ip igmp startup-query-interval	3
330.	ipv6 nd router-preference	3
331.	vrrp preempt	3
332.	flowcontrol receive	3
333.	show ipv6 bgp summary	3
334.	clear lldp table	3
335.	bgp confederation peers	3
336.	dot1x pae authenticator	3
337.	ntp trusted-key	3
338.	show module	3
339.	domain-id	3
340.	aaa group server radius	3
341.	snmp-server chassis-id	3
342.	ip igmp last-member-query-count	3
343.	show ipv6 bgp	3
344.	aaa group server tacacs+	3
345.	flowcontrol send	3
346.	ip pim spt-threshold	3
347.	mac access-list	3
348.	show environment temperature	3
349.	ip igmp startup-query-count	3
350.	isis passive	3
351.	switchport port-security	3
352.	show spanning-tree mst interface	3
353.	neighbor allowas-in	3
354.	show ip pim rp	3
355.	bgp confederation identifier	3
356.	show flowcontrol **	3
357.	passive-interface default	3
358.	show track	3
359.	aaa accounting dot1x	3
360.	clear ip ospf neighbor	3
361.	show snmp trap	2
362.	vrrp ip	2
363.	show spanning-tree bridge	2
364.	ip msdp default-peer	2
365.	spanning-tree transmit hold-count	2
366.	ip msdp sa-limit	2
367.	isis lsp-interval	2
368.	clear ip nat translation	2
369.	priority-flow-control mode	2
370.	ip pim ssm range	2
371.	spanning-tree portfast bpduguard default	2
372.	show vlan summary	2



373.	vrrp timers advertise	2
374.	ipv6 nd ra suppress	2
375.	show isis topology	2
376.	ip msdp sa-filter in	2
377.	ip msdp sa-filter out	2
378.	ip msdp mesh-group	2
379.	show etherchannel	2
380.	lldp reinit	2
381.	vlan internal allocation policy	2
382.	show interfaces flowcontrol	2
383.	show port-security address	2
384.	show ip ospf request-list	2
385.	ip igmp snooping vlan mrouter	2
386.	show lldp traffic	2
387.	spanning-tree vlan	2
388.	ntp source	2
389.	ip igmp snooping vlan static	2
390.	show ipv6 bgp neighbors	2
391.	ip pim query-interval	2
392.	show interfaces switchport backup	2
393.	switchport port-security maximum	2
394.	bfd all-interfaces	2
395.	ip pim bsr-border	2
396.	neighbor soft-reconfiguration	2
397.	ip msdp originator-id	2
398.	ip community-list expanded	2
399.	clear ip arp	2
400.	show lacp neighbor	2
401.	ip msdp peer	2
402.	enable secret	2
403.	timers throttle spf	2
404.	ip igmp snooping vlan immediate-leave	2
405.	vrrp authentication	2
406.	vrrp priority	2
407.	show bfd neighbors	2
408.	ip ospf shutdown	2
409.	spanning-tree portfast bpdupfilter default	2
410.	ip domain name **	2
411.	show snmp host	2
412.	show environment all	2
413.	vrrp delay reload	1
414.	ip dhcp smart-relay	1
415.	domain-name	1
416.	lacp rate	1
417.	isis passive-interface	1
418.	ip extcommunity-list expanded	1
419.	control-plane	1

420.	show mac-address-table aging-time	1
421.	art timeout	1
422.	show interfaces capabilities	1
423.	timers throttle lsa all	1
424.	ip extcommunity-list standard	1
425.	vrf forwarding	1
426.	ip msdp shutdown	1
427.	aaa authorization console	1
428.	lldp holdtime	1
429.	ip msdp keepalive	1
430.	switchport backup interface	1
431.	neighbor peer-group	1
432.	show ip msdp mesh-group	1
433.	ip pim neighbor-filter	1
434.	show snmp mib	1
435.	timers lsa arrival	1
436.	show snmp source-interface	1
437.	ipv6 ospf retransmit-interval	1
438.	show ip route tag	1
439.	vrf definition	1
440.	redundancy force-switchover	1
441.	show ptp clock	1
442.	show lacp interface	1
443.	ip msdp description	1
444.	switchport vlan mapping	1
445.	spanning-tree loopguard default	1
446.	lldp tlv-select	1
447.	vrrp track	1
448.	show port-channel summary	1
449.	default-metric	1
450.	ip ospf bfd	1
451.	ip igmp query-interval-response-time	1
452.	snmp-server source-interface	1
453.	show ip ospf retransmission-list	1
454.	ip pim spt-threshold group-list	1
455.	timers basic	1

\* Adtran, Alcatel/ALU, Allied Telesis, Avaya, Brocade, Dell (incl. Force10), D-Link, Edge-Core, Ericsson, Extreme (incl. Enterasys), Foundry, HP, ISCLI, Juniper, NETGEAR, Procket Networks, Redback Networks, and Sun/Oracle

	<b>Disputed CLI Command (or Command Fragment)</b>	<b>Vendors Supporting Command (HP, Brocade, Alcatel/ALU, Juniper, and Extreme/Enterasys Only)</b>
1.	show ip pim neighbor	5
2.	snmp-server host	5

3.	snmp-server community	5
4.	boot system	5
5.	show ip ospf interface	5
6.	clock set	5
7.	show users	5
8.	ip address	5
9.	snmp-server enable traps	5
10.	ipv6 address	5
11.	snmp-server user	5
12.	ipv6 route	5
13.	show ip pim interface	5
14.	show interfaces	5
15.	show ip route	5
16.	show ip bgp	5
17.	show version	5
18.	show ip bgp neighbors	5
19.	snmp-server contact	5
20.	show ip interface	5
21.	snmp-server group	5
22.	show ip mroute	5
23.	snmp-server location	5
24.	show ip ospf	5
25.	snmp-server view	5
26.	show ip ospf border-routers	5
27.	show clock	5
28.	show ip pim rp-hash	4
29.	show vrrp	4
30.	show route-map	4
31.	area stub	4
32.	area range	4
33.	lACP port-priority	4
34.	show ipv6 neighbors	4
35.	tacacs-server key	4
36.	show tacacs	4
37.	terminal length	4
38.	ip prefix-list	4
39.	neighbor remote-as	4
40.	ip igmp query-interval	4
41.	neighbor route-reflector-client	4
42.	show ip route summary	4
43.	aaa accounting	4
44.	show ntp status	4
45.	neighbor timers	4
46.	show snmp user	4
47.	ntp server	4
48.	ip ospf hello-interval	4
49.	route-map	4

50.	ip ospf retransmit-interval	4
51.	router bgp	4
52.	ip route	4
53.	router rip	4
54.	show ip ospf neighbor	4
55.	show arp	4
56.	ip nat pool	4
57.	tacacs-server host	4
58.	ip ospf cost	4
59.	banner motd	4
60.	show ipv6 interface	4
61.	aaa authentication login	4
62.	show ipv6 route	4
63.	aggregate-address	4
64.	show reload	4
65.	show ip bgp peer-group	4
66.	show snmp group	4
67.	show ip bgp summary	4
68.	show spanning-tree	4
69.	show ip igmp groups	4
70.	ip ospf dead-interval	4
71.	clock timezone	4
72.	show vlan	4
73.	show ip interface brief	4
74.	ip ospf priority	4
75.	default-information originate (OSPF)	4
76.	ip ospf transmit-delay	4
77.	show ip nat translations	4
78.	ip proxy-arp	4
79.	interface ethernet	4
80.	ipv6 access-list	4
81.	ip access-group	4
82.	ipv6 neighbor	4
83.	area nssa	4
84.	tacacs-server timeout	4
85.	ipv6 ospf area	3
86.	ipv6 nd managed-config-flag	3
87.	switchport access vlan	3
88.	neighbor next-hop-self	3
89.	show port-security	3
90.	neighbor password	3
91.	interface loopback	3
92.	ip access-list	3
93.	show ipv6 access-list	3
94.	neighbor remove-private-as	3
95.	show mac-address-table	3
96.	neighbor route-map	3

97.	ipv6 nd ra interval	3
98.	ip access-list standard	3
99.	isis hello-multiplier	3
100.	neighbor send-community	3
101.	mac-address-table aging-time	3
102.	bgp redistribute internal	3
103.	bgp cluster-id	3
104.	ip as-path access-list	3
105.	errdisable recovery cause	3
106.	neighbor update-source	3
107.	show lacp counters	3
108.	neighbor weight	3
109.	show monitor session	3
110.	no snmp-server	3
111.	show radius	3
112.	ip community-list standard	3
113.	ipv6 nd reachable-time	3
114.	ip domain lookup	3
115.	address-family	3
116.	ip domain-name	3
117.	isis priority	3
118.	router ospf	3
119.	lldp run	3
120.	ip helper-address	3
121.	neighbor activate	3
122.	set-overload-bit	3
123.	switchport trunk native vlan	3
124.	ip igmp last-member-query-interval	3
125.	default-metric (OSPFv3)	3
126.	area range (OSPFv3)	3
127.	dot1x port-control	3
128.	ip igmp static-group	3
129.	show ipv6 ospf interface	3
130.	show ip access-lists	3
131.	show isis database	3
132.	ip igmp version	3
133.	show lldp neighbors	3
134.	ip multicast-routing	3
135.	show mac-address-table aging time	3
136.	ip name-server	3
137.	ipv6 nd ns-interval	3
138.	channel-group	3
139.	show privilege	3
140.	ip nat translation tcp-timeout	3
141.	ipv6 nd other-config-flag	3
142.	show ip igmp interface	3
143.	show snmp engineID	3

144.	ip nat translation udp-timeout	3
145.	errdisable recovery interval	3
146.	ip ospf authentication-key	3
147.	ipv6 prefix-list	3
148.	clear arp-cache	3
149.	isis hello-interval	3
150.	clear counters	3
151.	isis metric	3
152.	clear ipv6 neighbors	3
153.	is-type	3
154.	ip ospf network	3
155.	snmp-server engineID local	3
156.	area nssa (OSPFv3)	3
157.	mac access-group	3
158.	area stub (OSPFv3)	3
159.	maximum-paths	3
160.	arp timeout	3
161.	spanning-tree link-type	3
162.	ip pim dr-priority	3
163.	switchport trunk allowed vlan	3
164.	default-information originate (OSPFv3)	3
165.	interface vlan	3
166.	show ip prefix-list	3
167.	default-metric (OSPF)	3
168.	neighbor ebgp-multihop	3
169.	terminal monitor	3
170.	neighbor local-as	3
171.	neighbor shutdown	3
172.	ipv6 ospf network	2
173.	storm-control	2
174.	show spanning-tree mst configuration	2
175.	neighbor default-originate	2
176.	clear ip ospf neighbor	2
177.	neighbor description	2
178.	ipv6 router ospf	2
179.	ip load-sharing	2
180.	ip igmp query-max-response-time	2
181.	neighbor peer-group (assigning members)	2
182.	ipv6 nd ra lifetime	2
183.	neighbor peer-group (creating)	2
184.	ipv6 ospf dead-interval	2
185.	ip multicast boundary	2
186.	ipv6 ospf transmit-delay	2
187.	domain-id	2
188.	show snmp trap	2
189.	dot1x reauthentication	2
190.	isis passive	2

191.	ntp authenticate	2
192.	spanning-tree cost	2
193.	ntp authentication-key	2
194.	mac-address-table static	2
195.	radius-server host	2
196.	show ipv6 ospf border-routers	2
197.	radius-server key	2
198.	show lldp	2
199.	radius-server timeout	2
200.	show mac-address-table count	2
201.	dot1x timeout reauth-period	2
202.	ipv6 ospf priority	2
203.	dot1x timeout tx-period	2
204.	area nssa no-summary	2
205.	router isis	2
206.	show snmp community	2
207.	router-id	2
208.	isis lsp-interval	2
209.	ip pim bsr-candidate	2
210.	show storm-control	2
211.	show dot1x	2
212.	bgp client-to-client reflection	2
213.	show dot1x statistics	2
214.	log-adjacency-changes (IS-IS)	2
215.	show hosts	2
216.	spanning-tree mst configuration	2
217.	area nssa default-information-originate	2
218.	switchport mode	2
219.	show interfaces switchport	2
220.	timers basic (RIP)	2
221.	ip pim rp-address	2
222.	show ipv6 ospf	2
223.	show ip bgp community	2
224.	show ipv6 ospf neighbor	2
225.	ip pim rp-candidate	2
226.	show ipv6 route summary	2
227.	show ip bgp paths	2
228.	ipv6 ospf cost	2
229.	show ip bgp regexp	2
230.	ipv6 ospf hello-interval	2
231.	show ip community-list	2
232.	show module	2
233.	show ip extcommunity-list	2
234.	show ntp associations	2
235.	show ip helper-address	2
236.	ipv6 ospf retransmit- interval	2
237.	show ip igmp snooping	2

238.	show qos maps	2
239.	show ip igmp snooping mrouter	2
240.	clear mac-address-table dynamic	2
241.	area nssa default-information-originate (OSPFv3)	2
242.	show snmp	2
243.	banner login	2
244.	clear spanning-tree counters	2
245.	ip radius source-interface	2
246.	show snmp view	2
247.	show ip msdp peer	2
248.	show spanning-tree interface	2
249.	show ip msdp sa-cache	2
250.	show spanning-tree mst interface	2
251.	show ip msdp summary	2
252.	ip icmp redirect	2
253.	interface port-channel	2
254.	show vrf	2
255.	ip routing	2
256.	lacp system-priority	2
257.	ip tacacs source-interface	2
258.	load-interval	2
259.	show ip ospf database database-summary	2
260.	spanning-tree bpduguard	2
261.	clear ip arp	2
262.	spanning-tree mode	2
263.	clear ip bgp	2
264.	spf-interval	2
265.	ipv6 dhcp relay destination	2
266.	logging host	2
267.	show ip pim rp	2
268.	ip igmp snooping	2
269.	ipv6 enable	2
270.	maximum-paths (OSPFv3)	2
271.	show ip rip database	2
272.	timers bgp	2
273.	clear ip mroute	2
274.	clear ip msdp sa-cache	2
275.	log-adjacency-changes	1
276.	default-metric	1
277.	show environment all	1
278.	clear ip nat translation	1
279.	snmp-server chassis-id	1
280.	show environment temperature	1
281.	aaa authorization config-commands	1
282.	dot1x system-auth-control	1
283.	ip igmp startup-query-count	1
284.	area default-cost (OSPFv3)	1



285.	show vlan internal usage	1
286.	ipv6 nd ra suppress	1
287.	ip ospf authentication	1
288.	show interfaces description	1
289.	show ip ospf request-list	1
290.	show ipv6 prefix-list	1
291.	spanning-tree vlan	1
292.	show interfaces flowcontrol	1
293.	mac access-list	1
294.	show interfaces status	1
295.	timers throttle spf	1
296.	ip dhcp snooping	1
297.	show ipv6 bgp summary	1
298.	show isis interface	1
299.	neighbor soft-reconfiguration	1
300.	show isis topology	1
301.	lldp holdtime	1
302.	ip dhcp snooping vlan	1
303.	lldp transmit	1
304.	neighbor allowas-in	1
305.	spanning-tree bpduguard	1
306.	show interfaces transceiver	1
307.	log-adjacency-changes (OSPFv3)	1
308.	show mac access-lists	1
309.	spanning-tree portfast bpduguard default	1
310.	show inventory	1
311.	network area	1
312.	ip pim query-interval	1
313.	switchport private-vlan mapping	1
314.	show ip arp	1
315.	ip igmp snooping querier	1
316.	dot1x timeout quiet-period	1
317.	ip igmp startup-query-interval	1
318.	ntp source	1
319.	vrrp priority	1
320.	ntp trusted-key	1
321.	ip igmp query-interval-response-time	1
322.	passive-interface	1
323.	bfd all-interfaces	1
324.	show port-channel summary	1
325.	show vlan private-vlan	1
326.	ip pim sparse-mode	1
327.	enable secret	1
328.	show port-security interface	1
329.	ip ospf shutdown	1
330.	passive-interface (OSPFv3)	1
331.	lldp receive	1

332.	ip pim spt-threshold	1
333.	lldp timer	1
334.	port-channel load-balance	1
335.	router-id (OSPFv3)	1
336.	show ip dhcp snooping	1
337.	ipv6 access-group	1
338.	private-vlan	1
339.	area default-cost	1
340.	radius-server deadtime	1
341.	spanning-tree guard	1
342.	ip pim spt-threshold group-list	1
343.	ip pim bsr-border	1
344.	ipv6 unicast-routing	1
345.	spanning-tree portfast bpdupfilter default	1
346.	ip pim ssm range	1
347.	spanning-tree port-priority	1
348.	bgp confederation identifier	1
349.	control-plane	1
350.	ip host	1
351.	ipv6 host	1
352.	show ip igmp snooping groups	1
353.	switchport port-security	1
354.	bgp confederation peers	1
355.	clear ip igmp group	1
356.	show spanning-tree blockedports	1
357.	mac-address	1
358.	radius-server retransmit	1
359.	show environment power	1
360.	show spanning-tree mst	1
361.	show ip ospf retransmission-list	1
362.	bgp log-neighbor-changes	1
363.	show ipv6 bgp neighbors	1
364.	redundancy force-switchover	1
365.	vrrp preempt	1
366.	show ip mroute count	1
367.	vrrp track	1
368.	distance bgp	1
369.	domain-name	1
370.	show track	1
371.	neighbor peer-group	1
372.	ip local-proxy-arp	1
373.	ip igmp last-member-query-count	1
374.	show ipv6 bgp	1

Disputed Cisco Command	Adtran Command Syntax	Bates Number of Adtran Manual
area default-cost	area <area id> default-cost <value>	ARISTANDCA13172865
area default-cost (OSPFv3)	area <area id> default-cost <value>	ARISTANDCA13172865
area range	area <area id> range <ip address> <network mask> [advertise   not-advertise]	ARISTANDCA13172865
area range (OSPFv3)	area <area id> range <ip address> <network mask> [advertise   not-advertise]	ARISTANDCA13172865
area stub	area <area id> stub [no-summary]	ARISTANDCA13172865
area stub (OSPFv3)	area <area id> stub [no-summary]	ARISTANDCA13172865
banner login	banner [ exec   login   motd ] <character> <message> <character>	ARISTANDCA13172865
banner motd	banner [ exec   login   motd ] <character> <message> <character>	ARISTANDCA13172865
clear arp-cache	clear arp-cache	ARISTANDCA13172865
clear counters	clear counters <interface>	ARISTANDCA13172865
clock set	clock set <time> <day> <month> <year>	ARISTANDCA13172865
default-information originate (OSPF)	default-information-originate [always] [metric value] [metric-type type]	ARISTANDCA13172865
default-information originate (OSPFv3)	default-information-originate [always] [metric value] [metric-type type]	ARISTANDCA13172865
default-metric (OSPF)	default-metric <value>	ARISTANDCA13172865
default-metric (OSPFv3)	default-metric <value>	ARISTANDCA13172865
interface ethernet	Router(config)# interface ethernet 0/1	ARISTANDCA13172865
interface loopback	interface loopback <label>	ARISTANDCA13172865
ip access-group	ip access-group <listname> [in   out]	ARISTANDCA13172865
ip access-list standard	ip access-list standard <listname>	ARISTANDCA13172865
ip domain lookup	ip domain-lookup	ARISTANDCA13172865
ip domain-name	ip domain-name <name>	CSI-CLI-01062265
ip helper-address	ip helper-address <address>	ARISTANDCA13172865
ip host	ip host <name> <address1>	ARISTANDCA13172865
ip name-server	ip name-server <server-address1> [server-address2....server-address6]	ARISTANDCA13172865
ip ospf authentication	ip ospf authentication [message-digest   null]	ARISTANDCA13172865
ip ospf network	ip ospf network [broadcast   point-to-point]	ARISTANDCA13172865
ip proxy-arp	ip proxy-arp <address>	ARISTANDCA13172865
ip routing	ip routing	ARISTANDCA13172865
mac-address	mac-address <address>	ARISTANDCA13172865
network area	network <ip address> <wildcard> area <area id>	ARISTANDCA13172865
passive-interface	passive-interface <interface>	ARISTANDCA13172865
passive-interface (OSPFv3)	passive-interface <interface>	ARISTANDCA13172865
router ospf	router ospf	ARISTANDCA13172865
router rip	router rip	ARISTANDCA13172865
show arp	show arp	ARISTANDCA13172865
show clock	show clock [detail]	ARISTANDCA13172865
show hosts	show hosts	ARISTANDCA13172865
show interfaces	show interfaces <interface>	ARISTANDCA13172865
show ip access-lists	show ip access-lists <listname>	ARISTANDCA13172865
show ip arp	show ip arp	ARISTANDCA13172865
show ip ospf	show ip ospf	ARISTANDCA13172865
show ip ospf border-routers	show ip ospf border-routers	ARISTANDCA13172865
show ip ospf interface	show ip ospf interface <interface type> <interface number>	ARISTANDCA13172865
show ip ospf neighbor	show ip ospf neighbor <interface type> <interface number> <neighbor id> [detail]	ARISTANDCA13172865
show ip route	show ip route [ connected   ospf   rip   static   table]	ARISTANDCA13172865
show snmp	show snmp	ARISTANDCA13172865
show spanning-tree	show spanning-tree <bridgegroup#>	ARISTANDCA13172865
show version	show version	ARISTANDCA13172865
snmp-server chassis-id	snmp-server chassis-id <id string>	ARISTANDCA13172865
snmp-server community	snmp-server community <community> [ ro   rw ] <listname>]	ARISTANDCA13172865
snmp-server contact	snmp-server contact <string>	ARISTANDCA13172865
snmp-server enable traps	snmp-server enable traps <trap type>	ARISTANDCA13172865
snmp-server location	snmp-server location <string>	ARISTANDCA13172865
aaa accounting	aaa accounting [suppress null-username]	ARISTANDCA13173433
aaa authentication login	aaa authentication login [<listname>   default] [none   line   enable   local   group <groupname>   group radius   group tacacs+]	ARISTANDCA13173433
aaa authorization config-commands	aaa authorization [config-command   console]	ARISTANDCA13173433
aaa authorization console	aaa authorization [config-command   console]	ARISTANDCA13173433
aaa group server radius	aaa group server [radius   tacacs+] <listname>	ARISTANDCA13173433
aaa group server tacacs+	aaa group server [radius   tacacs+] <listname>	ARISTANDCA13173433
bgp log-neighbor-changes	bgp log-neighbor-changes	ARISTANDCA13173433
clear ip bgp	clear ip bgp [*   <as-number>   <ip address>] [in   out   soft]	ARISTANDCA13173433
clear ip igmp group	clear ip igmp group [<group-address>   <interface>]	ARISTANDCA13173433
clear lldp counters	clear lldp counters	ARISTANDCA13173433
clear spanning-tree counters	clear spanning-tree counters [interface <interface id>]	ARISTANDCA13173433
clock timezone	clock timezone <text>	ARISTANDCA13173433
distance bgp	distance bgp <external> <internal> <local>	ARISTANDCA13173433
interface vlan	(config)#interface vlan 1	ARISTANDCA13173433
ip address	ip-address <address>	ARISTANDCA13173433
ip load-sharing	ip load-sharing [per-destination   per-packet]	ARISTANDCA13173433
ip multicast-routing	ip multicast-routing	ARISTANDCA13173433

ip ospf dead-interval	(config-demand 1)#ip ospf dead-interval 25000	ARISTANDCA13173433
ip pim sparse-mode	ip pim sparse-mode	ARISTANDCA13173433
ip radius source-interface	ip radius source-interface <interface>	ARISTANDCA13173433
lldp receive	lldp receive	ARISTANDCA13173433
maximum-paths	maximum paths <number>	ARISTANDCA13173433
maximum-paths (OSPFv3)	maximum paths <number>	ARISTANDCA13173433
radius-server deadtime	radius-server deadtime <minutes>	ARISTANDCA13173433
radius-server key	radius-server key <key>	ARISTANDCA13173433
radius-server timeout	radius-server timeout <seconds>	ARISTANDCA13173433
route-map	route-map <map-name> [ permit   deny ] <sequence number>	ARISTANDCA13173433
router bgp	router bgp	ARISTANDCA13173433
show ip bgp	show ip bgp [regex <expression>   summary]	ARISTANDCA13173433
show ip bgp community	show ip bgp community [<community number> . . . <community number>   internet   no export   local-as   no-advertise] [exact]	ARISTANDCA13173433
show ip bgp neighbors	show ip bgp neighbors <ip address>	ARISTANDCA13173433
show ip bgp regexp	Router#show ip bgp regexp _303_	ARISTANDCA13173433
show ip community-list	show ip community-list [<community-list-name>]	ARISTANDCA13173433
show ip igmp groups	show ip igmp groups <group-address>	ARISTANDCA13173433
show ip igmp interface	show ip igmp interface <interface>	ARISTANDCA13173433
show ip mroute	show ip mroute [<group-address>   <interface>] [summary   all]	ARISTANDCA13173433
show ip prefix-list	show ip prefix-list [detail   summary] <listname>	ARISTANDCA13173433
show lldp	show lldp	ARISTANDCA13173433
show lldp neighbors	show lldp neighbors [interface <interface>   <interface type>   detail   realtime]	ARISTANDCA13173433
show route-map	show route-map [<name>]	ARISTANDCA13173433
show users	show users [realtime]	ARISTANDCA13173433
snmp-server source-interface	snmp-server source-interface <interface>	ARISTANDCA13173433
snmp-server view	snmp-server view <viewname> <oidtree> [excluded   included]	ARISTANDCA13173433
spanning-tree bpduguard	spanning-tree bpduguard [enable   disable]	ARISTANDCA13173433
spanning-tree bpduguard	spanning-tree bpduguard [enable   disable]	ARISTANDCA13173433
spanning-tree link-type	spanning-tree link-type [auto   point-to-point   shared]	ARISTANDCA13173433
spanning-tree mode	spanning-tree mode [rstp   stp]	ARISTANDCA13173433
spanning-tree port-priority	spanning-tree port-priority <priority level>	ARISTANDCA13173433
tacacs-server host	tacacs-server host <hostname or IP address>	ARISTANDCA13173433
tacacs-server key	tacacs-server key <key>	ARISTANDCA13173433
tacacs-server timeout	tacacs-server timeout <seconds>	ARISTANDCA13173433
terminal length	terminal length <text>	ARISTANDCA13173433
address-family	address-family ipv4 address-family ipv6	ARISTANDCA13178601
boot system	boot system cflash <primary filename>	ARISTANDCA13178601
clear ipv6 neighbors	clear ipv6 neighbors <interface>	ARISTANDCA13178601
clear mac-address-table dynamic	clear mac address-table dynamic	ARISTANDCA13178601
interface port-channel	interface port-channel <interface id>	ARISTANDCA13178601
ip igmp last-member-query-interval	ip igmp last-member-query-interval <milliseconds>	ARISTANDCA13178601
ip igmp snooping	ip igmp snooping	ARISTANDCA13178601
ip igmp snooping vlan	ip igmp snooping vlan <vlan id>	ARISTANDCA13178601
ip nat pool	ip nat pool <name>	ARISTANDCA13178601
ip ospf authentication-key	ip ospf authentication-key <password>	ARISTANDCA13178601
ip ospf cost	ip ospf cost <value>	ARISTANDCA13178601
ip ospf hello-interval	ip ospf hello-interval <seconds>	ARISTANDCA13178601
ip ospf priority	ip ospf priority <value>	ARISTANDCA13178601
ip ospf retransmit-interval	ip ospf retransmit-interval <seconds>	ARISTANDCA13178601
ip ospf shutdown	ip ospf <process id> shutdown	ARISTANDCA13178601
ip ospf transmit-delay	ip ospf transmit-delay <seconds>	ARISTANDCA13178601
ip route	ip route <ip address> <subnet mask> <interface>	ARISTANDCA13178601
ipv6 access-list	ipv6 access-list extended <ipv6 acl name> ALSO ipv6 access-list standard <ipv6 acl name>	ARISTANDCA13178601
ipv6 address	ipv6 address <ipv6 address/prefix-length>	ARISTANDCA13178601
ipv6 dhcp relay destination	ipv6 dhcp relay destination <ipv6 address>	ARISTANDCA13178601
ipv6 nd managed-config-flag	ipv6 nd managed-config-flag	ARISTANDCA13178601
ipv6 nd ns-interval	ipv6 nd ns-interval <value>	ARISTANDCA13178601
ipv6 nd other-config-flag	ipv6 nd other-config-flag	ARISTANDCA13178601
ipv6 nd prefix	ipv6 nd prefix [named-prefix <prefix name>] [<ipv6 prefix/prefix-length>   default]	ARISTANDCA13178601
ipv6 nd ra interval	ipv6 nd ra interval <max time>	ARISTANDCA13178601
ipv6 nd ra lifetime	ipv6 nd ra lifetime <value>	ARISTANDCA13178601
ipv6 nd ra suppress	ipv6 nd ra suppress	ARISTANDCA13178601
ipv6 nd router-preference	ipv6 nd router-preference high ipv6 nd router-preference low ipv6 nd router-preference medium	ARISTANDCA13178601
ipv6 prefix-list	ipv6 prefix-list <name> seq <number>	ARISTANDCA13178601
ipv6 route	ipv6 route [vrf <name>] <ipv6 prefix/prefix length> <ipv6 address>	ARISTANDCA13178601
mac-address-table aging-time	mac address-table aging-time <value>	ARISTANDCA13178601
mac-address-table static	mac address-table static <mac address>	ARISTANDCA13178601
port-channel load-balance	port-channel load-balance dst-mac port-channel load-balance src-mac	ARISTANDCA13178601

show interfaces description	show interfaces description	ARISTANDCA13178601
show interfaces status	show interfaces status	ARISTANDCA13178601
show interfaces switchport	show interfaces switchport <slot/port>	ARISTANDCA13178601
show ip bgp summary	show ip bgp summary	ARISTANDCA13178601
show ip igmp snooping	show ip igmp snooping	ARISTANDCA13178601
show ip igmp snooping mrouter	show ip igmp snooping mrouter	ARISTANDCA13178601
show ip ospf database database-summary	show ip ospf database database-summary	ARISTANDCA13178601
show ip route summary	show ip route summary	ARISTANDCA13178601
show ipv6 access-list	show ipv6 access-list	ARISTANDCA13178601
show ipv6 neighbors	show ipv6 neighbors	ARISTANDCA13178601
show ipv6 prefix-list	show ipv6 prefix-list <name>	ARISTANDCA13178601
show ipv6 route	show ipv6 route	ARISTANDCA13178601
show ipv6 route summary	show ipv6 route summary	ARISTANDCA13178601
show mac-address-table	show mac address-table	ARISTANDCA13178601
show mac-address-table aging time	show mac address-table aging-time	ARISTANDCA13178601
show mac-address-table count	show mac address-table count	ARISTANDCA13178601
show monitor session	show monitor session <number>	ARISTANDCA13178601
show ntp associations	show ntp associations	ARISTANDCA13178601
show ntp status	show ntp status	ARISTANDCA13178601
show port-security	show port-security	ARISTANDCA13178601
show port-security address	show port-security address	ARISTANDCA13178601
show port-security interface	show port-security interface <interface>	ARISTANDCA13178601
show privilege	show privilege	ARISTANDCA13178601
show qos maps	show qos map	ARISTANDCA13178601
show snmp engineID	show snmp engineID	ARISTANDCA13178601
show snmp group	show snmp group	ARISTANDCA13178601
show snmp user	show snmp user	ARISTANDCA13178601
show spanning-tree blockedports	show spanning-tree blockedports	ARISTANDCA13178601
show spanning-tree interface	show spanning-tree interface <interface>	ARISTANDCA13178601
show spanning-tree root	show spanning-tree root	ARISTANDCA13178601
show track	show track	ARISTANDCA13178601
show vlan	show vlan	ARISTANDCA13178601
show vrf	show vrf	ARISTANDCA13178601
show vrrp	show vrrp	ARISTANDCA13178601
snmp-server engineID local	snmp-server engineID local <hex string>	ARISTANDCA13178601
snmp-server engineID remote	snmp-server engineID remote <ip address> <hex string>	ARISTANDCA13178601
snmp-server group	snmp-server group <groupname> v1	ARISTANDCA13178601
snmp-server user	snmp-server user <username> <groupname> v1	ARISTANDCA13178601
switchport port-security	switchport port-security	ARISTANDCA13178601
switchport port-security maximum	switchport port-security maximum <value>	ARISTANDCA13178601
vrf forwarding	vrf forwarding <name>	ARISTANDCA13178601

Total of 179 command abstractions listed above.

**AMENDED APPENDIX H.ALU - Alcatel / ALU Usage of Disputed CLI Commands**

Disputed Cisco Command	Alcatel/ALU Command Syntax	Bates Number of Alcatel/ALU Manual
aaa authentication login	aaa authentication login {default   list-name} method1 [method2...]	ARISTANDCA13187525
arp timeout	arp timeout seconds	ARISTANDCA13187525
boot system	boot system [unit unit] {image-1   image-2}	ARISTANDCA13187525
channel-group	channel-group port-channel-number mode {on   auto}	ARISTANDCA13187525
clear arp-cache	clear arp-cache	ARISTANDCA13187525
clear counters	clear counters [ethernet interface   port-channel port-channel-number]	ARISTANDCA13187525
clock set	clock set hh:mm:ss day month year	ARISTANDCA13187525
clock timezone	clock timezone hours-offset [minutes minutes-offset] [zone acronym]	ARISTANDCA13187525
dot1x port-control	dot1x port-control {auto   force-authorized   force-unauthorized}	ARISTANDCA13187525
dot1x reauthentication	dot1x re-authentication	ARISTANDCA13187525
dot1x system-auth-control	dot1x system-auth-control	ARISTANDCA13187525
dot1x timeout quiet-period	dot1x timeout quiet-period seconds	ARISTANDCA13187525
dot1x timeout reauth-period	dot1x timeout re-authperiod seconds	ARISTANDCA13187525
dot1x timeout tx-period	dot1x timeout tx-period seconds	ARISTANDCA13187525
errdisable recovery cause	errdisable recovery cause {lbd}	ARISTANDCA13187525
errdisable recovery interval	errdisable recovery interval seconds	ARISTANDCA13187525
interface ethernet	interface ethernet interface	ARISTANDCA13187525
interface port-channel	interface port-channel port-channel-number	ARISTANDCA13187525
interface vlan	interface vlan vlan-id	ARISTANDCA13187525
ip access-group	ip access-group <accesslistnumber> in [sequence<seqno>]	ARISTANDCA13188297
ip access-list	ip-access-list name	ARISTANDCA13187525
ip address	ip address ip-address {mask   prefix-length}	ARISTANDCA13187525
ip dhcp snooping	ip dhcp snooping	ARISTANDCA13187525
ip dhcp snooping vlan	ip dhcp snooping vlan vlan-id	ARISTANDCA13187525
ip domain lookup	ip domain-lookup	ARISTANDCA13187525
ip domain-name	ip domain-name name	ARISTANDCA13187525
ip host	ip host name address	ARISTANDCA13187525
ip igmp snooping	ip igmp snooping	ARISTANDCA13187525
ip name-server	ip name-server server-address [server-address2 ... server-address8]	ARISTANDCA13187525
ipv6 dhcp relay destination	ipv6 dhcp relay if_name destination ip6_address scope_if_name no ipv6 dhcp relay if_name destination ip6_address scope if_name	ARISTANDCA13202891
lacp port-priority	lacp port-priority value	ARISTANDCA13187525
lacp system-priority	lacp system-priority value	ARISTANDCA13187525
mac access-group	mac access-group <name> in [sequence <seqno>]	ARISTANDCA13188297
mac access-list	mac access-list name	ARISTANDCA13187525
mac-address-table aging-time	mac-address-table aging-time seconds	ARISTANDCA13206391
ntp authenticate	snmp authenticate	ARISTANDCA13187525
ntp server	snmp server {ip-address   hostname} [poll] [key keyid]	ARISTANDCA13187525
radius-server deadtime	radius-server deadtime deadtime	ARISTANDCA13187525
radius-server host	radius-server host {ip-address   hostname} [auth-port auth-port-number] [timeout timeout] [retransmit retries] [deadtime deadtime] [key key-string] [source source] [priority priority] [usage type]	ARISTANDCA13187525
radius-server key	radius-server key {key-string}	ARISTANDCA13187525
radius-server retransmit	radius-server retransmit retries	ARISTANDCA13187525
radius-server timeout	radius-server timeout timeout	ARISTANDCA13187525
show arp	show arp [ip-address ip-address] [mac-address mac-address] [ethernet interface   port-channel port-channel-number]	ARISTANDCA13187525
show clock	show clock [detail]	ARISTANDCA13187525
show dot1x	show dot1x [ethernet interface]	ARISTANDCA13187525
show dot1x statistics	show dot1x statistics ethernet interface	ARISTANDCA13187525
show hosts	show hosts [name]	ARISTANDCA13187525
show ip interface brief	show ip interface brief	ARISTANDCA13188297
show interfaces description	show interfaces description [ethernet interface   port-channel port-channel-number]	ARISTANDCA13187525
show interfaces switchport	show interfaces switchport [ethernet interface   port-channel port-channel-number]	ARISTANDCA13187525
show ip dhcp snooping	show ip dhcp snooping [ethernet interface   port-channel port-channel-number]	ARISTANDCA13187525
show ip igmp snooping groups	show ip igmp snooping groups [vlan vlan-id] [address ip-multicast-address] [source ip-address]	ARISTANDCA13187525
show ip igmp snooping mrouter	show ip igmp snooping mrouter [interface vlan-id]	ARISTANDCA13187525
show ip interface	show ip interface [ethernet interface-number   vlan vlan-id   port-channel port-channel-number]	ARISTANDCA13187525
show ipv6 access-list	show ip access-list [access-list-name]	ARISTANDCA13206391
show lldp neighbors	show lldp neighbors [ethernet interface]	ARISTANDCA13187525
show mac access-lists	show mac access-lists [<name>]	ARISTANDCA13188297
show monitor session	show monitor session <session-id>	ARISTANDCA13188297
show privilege	show privilege	ARISTANDCA13187525
show qos maps	show qos map [dscp-queue   dscp-dp   tcp-port-queue   udp-port-queue   policed-dscp   dscp-mutation   service-type-cos   service-type-dscp]	ARISTANDCA13187525
show radius	show radius-servers	ARISTANDCA13187525
show snmp engineID	show snmp engineID	ARISTANDCA13187525
show spanning-tree	show spanning-tree [ethernet interface-number   port-channel port-channel-number] [instance instance-id]	ARISTANDCA13187525
show spanning-tree blockedports	show spanning-tree [detail] [active   blockedports] [instance instance-id]	ARISTANDCA13187525

**AMENDED APPENDIX H.ALU - Alcatel / ALU Usage of Disputed CLI Commands**

show spanning-tree interface	show spanning-tree interface <port>	ARISTANDCA13188297
show spanning-tree mst configuration	show spanning-tree mst-configuration	ARISTANDCA13187525
show storm-control	show ports storm-control [interface]	ARISTANDCA13187525
show tacacs	show tacacs [ip-address]	ARISTANDCA13187525
show users	show users	ARISTANDCA13187525
show version	show version [unit unit]	ARISTANDCA13187525
show vlan	show vlan [id vlan-id   name vlan-name]	ARISTANDCA13187525
show vlan internal usage	show vlan internal usage	ARISTANDCA13187525
snmp-server community	snmp-server community community [ro   rw   su] [ipv4 address] [mask   prefix-length] [view view-name]	ARISTANDCA13187525
snmp-server contact	snmp-server contact text	ARISTANDCA13187525
snmp-server enable traps	snmp-server enable traps	ARISTANDCA13187525
snmp-server engineID local	snmp-server engineID local {engineid-string   default}	ARISTANDCA13187525
snmp-server group	snmp-server group groupname {v1   v2   v3 {noauth   auth   priv} [notify notifyview ]} [read readview] [write writeview]	ARISTANDCA13187525
snmp-server host	snmp-server host {ip-address   hostname} community-string [traps   informs] [1   2] [udp-port port ] [filter filtername] [timeout seconds] [retries retries]	ARISTANDCA13187525
snmp-server location	snmp-server location text	ARISTANDCA13187525
snmp-server user	snmp-server user username groupname {remote engineid string} [auth-md5 password   auth-sha password   auth-md5-key md5-des-keys   auth-sha-key sha-des-keys]	ARISTANDCA13187525
snmp-server view	snmp-server view view-name oid-tree {included   excluded}	ARISTANDCA13187525
spanning-tree bpduguard	spanning-tree bpduguard	ARISTANDCA13187525
spanning-tree cost	spanning-tree cost cost	ARISTANDCA13187525
spanning-tree link-type	spanning-tree link-type {point-to-point   shared}	ARISTANDCA13187525
spanning-tree mode	spanning-tree mode {stp   rstp   mstp}	ARISTANDCA13187525
spanning-tree mst configuration	spanning-tree mst configuration	ARISTANDCA13187525
spanning-tree port-priority	spanning-tree port-priority priority	ARISTANDCA13187525
storm-control	show ports storm-control [interface]	ARISTANDCA13187525
switchport access vlan	switchport access vlan {vlan-id   dynamic}	ARISTANDCA13187525
switchport mode	switchport mode {access   trunk   general}	ARISTANDCA13187525
switchport trunk allowed vlan	switchport trunk allowed vlan {add vlan-list   remove vlan-list}	ARISTANDCA13187525
switchport trunk native vlan	switchport trunk native vlan vlan-id	ARISTANDCA13187525
tacacs-server host	tacacs-server host {ip-address   hostname} [single-connection] [port port-number] [timeout timeout] [key key-string] [source source] [priority priority]	ARISTANDCA13187525
tacacs-server key	tacacs-server key key-string	ARISTANDCA13187525
tacacs-server timeout	tacacs-server timeout timeout	ARISTANDCA13187525
aaa accounting	aaa accounting command server1 [server2...] [local]	ARISTANDCA13189829
clear ipv6 neighbors	clear ipv6 neighbors	ARISTANDCA13189829
ipv6 access-list	ipv6 access-list access-list-name	ARISTANDCA13189829
ipv6 address	ipv6 address ipv6_address/prefix_length [anycast] {if_name   loopback}	ARISTANDCA13189829
ipv6 host	ipv6 host name ipv6_address	ARISTANDCA13189829
ipv6 neighbor	ipv6 neighbor ipv6_address hardware_address {if_name} slot/port	ARISTANDCA13189829
ipv6 ospf area	ipv6 ospf area area_id {type {normal   stub [default-metric metric]}}	ARISTANDCA13189829
ipv6 route	ipv6 route ipv6_prefix/prefix_length ipv6_address {if_name}	ARISTANDCA13189829
show interfaces	show interfaces [slot   slot/port[-port2]]	ARISTANDCA13189829
show interfaces flowcontrol	show interfaces [slot   slot/port[-port2]] flow [control]	ARISTANDCA13189829
show interfaces status	show interfaces [slot   slot/port[-port2]] status	ARISTANDCA13189829
show interfaces transceiver	show interfaces [slot   slot/port[-port2]] transceiver {ddm   w-low   w-high   a-low   a-high   actual}	ARISTANDCA13189829
show ip access-lists	show ip access-list {access-list-name}	ARISTANDCA13189829
show ip bgp	show ip bgp	ARISTANDCA13189829
show ip bgp neighbors	show ip bgp neighbors [ip_address]	ARISTANDCA13189829
show ip mroute	show ip mroute	ARISTANDCA13189829
show ip ospf	show ip ospf	ARISTANDCA13189829
show ip ospf border-routers	show ip ospf border-routers [area_id] [router_id] [tos] [gateway]	ARISTANDCA13189829
show ip ospf interface	show ip ospf interface [interface_name]	ARISTANDCA13189829
show ip ospf neighbor	show ip ospf neighbor [ip_address]	ARISTANDCA13189829
show ip pim interface	show ip pim interface [if_name]	ARISTANDCA13189829
show ip pim neighbor	show ip pim neighbor [ip_address]	ARISTANDCA13189829
show ip route	show ip route [summary]	ARISTANDCA13189829
show ip route summary	show ip route [summary]	ARISTANDCA13189829
show ipv6 bgp neighbors	show ipv6 bgp neighbors [ipv6_address]	ARISTANDCA13189829
show ipv6 interface	show ipv6 interface {if_name   loopback}	ARISTANDCA13189829
show ipv6 neighbors	show ipv6 neighbors [ipv6_prefix/prefix_length   if_name   hw hardware_address   static]	ARISTANDCA13189829
show ipv6 ospf	show ipv6 ospf	ARISTANDCA13189829
show ipv6 ospf border-routers	show ipv6 ospf border-routers [area area_id] [router router_id]	ARISTANDCA13189829
show ipv6 ospf interface	show ipv6 ospf interface [interface_name]	ARISTANDCA13189829
show ipv6 ospf neighbor	show ipv6 ospf neighbor [router ipv4_address][interface interface_name]	ARISTANDCA13189829
show mac-address-table	show mac-address-table {permanent   learned   quarantined} [mac_address] [slot slot   slot/port] [linkagg link_agg] [vid   vid1-vid2]	ARISTANDCA13189829
show mac-address-table aging time	show mac-address-table aging-time	ARISTANDCA13189829
show mac-address-table count	show mac-address-table count [mac_address] [slot slot   slot/port] [linkagg link_agg] [vid   vid1-vid2]	ARISTANDCA13189829
show module	show module [number]	ARISTANDCA13189829

**AMENDED APPENDIX H.ALU - Alcatel / ALU Usage of Disputed CLI Commands**

show ntp status	show ntp status	ARISTANDCA13189829
show port-security	show port-security [slot/port1-port2   slot/port]	ARISTANDCA13189829
show reload	show reload [status]	ARISTANDCA13189829
show vrf	show vrf	ARISTANDCA13189829
show vrrp	show vrrp [vrid]	ARISTANDCA13189829
vrrp preempt	vrrp vrid vlan_id [enable   disable   on   off] [priority priority] [preempt   no preempt] [[advertising] interval seconds]	ARISTANDCA13189829
vrrp priority	vrrp vrid vlan_id [enable   disable   on   off] [priority priority] [preempt   no preempt] [[advertising] interval seconds]	ARISTANDCA13189829
vrrp track	vrrp track track_id [enable   disable] [priority value] [ipv4-interface name   ipv6-interface name   port slot/port   address address]	ARISTANDCA13189829

Total of 138 command abstractions listed above.



**AMENDED APPENDIX H.AT - Allied Telesis Usage of Disputed CLI Commands**

Disputed Cisco Command	Allied Telesis Command Syntax	Bates Number of AT Manual
aaa accounting	aaa accounting dot1x {radius}	ARISTANDCA13184679
aaa accounting dot1x	aaa accounting login {radius}	ARISTANDCA13185473
	aaa accounting dot1x {radius}	ARISTANDCA13184679
		ARISTANDCA13185473
aaa authentication login	aaa accounting login {radius}	ARISTANDCA13184679
		ARISTANDCA13185473
arp timeout	arp timeout seconds	ARISTANDCA13184679
		ARISTANDCA13185473
boot system	boot system [unit unit] {image-1   image-2}	ARISTANDCA13184679
channel-group	channel-group port-channel-number	ARISTANDCA13184679
clear arp-cache	clear arp-cache	ARISTANDCA13184679
clear counters	clear counters [ethernet ethernet   port-channel port-channel-number]	ARISTANDCA13184679
clear ipv6 neighbors	clear ipv6 neighbors	ARISTANDCA13184679
clock set	clock set hh:mm:ss day month year	ARISTANDCA13184679
	or	
	clock set hh:mm:ss month day year	
clock timezone	clock timezone hours-offset [minutes minutes-offset] [zone acronym]	ARISTANDCA13184679
dot1x port-control	dot1x port-control {auto   force-authorized   force-unauthorized}	ARISTANDCA13184679
dot1x reauthentication	dot1x re-authentication	ARISTANDCA13184679
dot1x system-auth-control	dot1x system-auth-control	ARISTANDCA13184679
dot1x timeout quiet-period	dot1x timeout quiet-period seconds	ARISTANDCA13184679
dot1x timeout reauth-period	dot1x timeout re-authperiod seconds	ARISTANDCA13184679
dot1x timeout tx-period	dot1x timeout tx-period seconds	ARISTANDCA13184679
interface ethernet	interface ethernet interface	ARISTANDCA13184679
interface port-channel	interface port-channel port-channel-number	ARISTANDCA13184679
interface vlan	interface port-channel port-channel-number	ARISTANDCA13184679
ip access-list	ip access-list access-list-name	ARISTANDCA13184679
ip address	ip address ip-address {mask   prefix-length}	ARISTANDCA13184679
ip dhcp snooping	ip dhcp snooping	ARISTANDCA13184679
ip dhcp snooping information option	ip dhcp snooping information option allowed-untrusted	ARISTANDCA13184679
ip dhcp snooping vlan	ip dhcp snooping vlan vlan-id	ARISTANDCA13184679
ip domain lookup	ip domain-lookup	ARISTANDCA13184679
ip domain-name	ip domain-name name	ARISTANDCA13184679
ip host	ip host name address	ARISTANDCA13184679
ip igmp snooping	ip igmp snooping	ARISTANDCA13184679
ip igmp snooping querier	ip igmp snooping querier enable	ARISTANDCA13184679
ip name-server	ip name-server server-address [server-address2 ... server-address8]	ARISTANDCA13184679
ipv6 access-list	ipv6 access-list access-list-name	ARISTANDCA13184679
ipv6 address	ipv6 address ipv6-address/prefix-length [eui-64] [anycast]	ARISTANDCA13184679
ipv6 host	ipv6 host name ipv6-address1 [ipv6-address2...ipv6-address4]	ARISTANDCA13184679
lacp port-priority	lacp port-priority value	ARISTANDCA13184679
lacp system-priority	lacp system-priority value	ARISTANDCA13184679
lldp timer	lldp timer seconds	ARISTANDCA13184679
mac access-list	mac access-list access-list-name	ARISTANDCA13184679
radius-server deadtime	radius-server deadtime deadtime	ARISTANDCA13184679
radius-server host	radius-server host {ipv4-address   ipv6-address   hostname} [auth-port auth-port-number] [timeout timeout] [retransmit retries] [deadtime deadtime] [key key-string] [source ipv4-source   ipv6-source] [priority priority]	ARISTANDCA13184679
	[usage bytes]	
radius-server key	radius-server key [key-string]	ARISTANDCA13184679
radius-server retransmit	radius-server retransmit retries	ARISTANDCA13184679
radius-server timeout	radius-server timeout timeout	ARISTANDCA13184679
show arp	show arp [ip-address ip-address] [mac-address mac-address] [ethernet interface   port-channel port-channel-number]	ARISTANDCA13184679
show clock	show clock [detail]	ARISTANDCA13184679
show dot1x	show dot1x [ethernet interface]	ARISTANDCA13184679
show dot1x statistics	show dot1x statistics ethernet interface	ARISTANDCA13184679
show hosts	show hosts [name]	ARISTANDCA13184679
show interfaces description	show interfaces description [ethernet interface   port-channel port-channel-number]	ARISTANDCA13184679
show interfaces status	show interfaces status [ethernet interface   port-channel port-channel-number]	ARISTANDCA13184679
show interfaces switchport	show interfaces switchport [ethernet interface   port-channel port-channel-number]	ARISTANDCA13184679
show ip dhcp snooping	show ip dhcp snooping [ethernet interface   port-channel port-channel-number]	ARISTANDCA13184679
show ip igmp snooping	show ip igmp snooping mrouter	ARISTANDCA13184679
	show ip igmp snooping interface	
	show ip igmp snooping groups	
show ip igmp snooping groups	show ip igmp snooping groups [vlan vlan-id] [ip-multicast-address ip-multicast-address] [ip-address ipaddress]	ARISTANDCA13184679
show ip igmp snooping mrouter	show ip igmp snooping mrouter [interface vlan-id]	ARISTANDCA13184679
show ip interface	show ip interface [ethernet interface-number   vlan vlan-id   port-channel port-channel number]	ARISTANDCA13184679
show ipv6 interface	show ipv6 interface [vlan vlan-id]	ARISTANDCA13184679

**AMENDED APPENDIX H.AT - Allied Telesis Usage of Disputed CLI Commands**

show ipv6 neighbors	show ipv6 neighbors {static   dynamic}[ipv6-address ipv6-address] [mac-address mac-address] [ethernet interface-number   vlan vlan-id   port-channel number]	ARISTANDCA13184679
show ipv6 route	show ipv6 route	ARISTANDCA13184679
show lldp neighbors	show lldp neighbors [ethernet interface]	ARISTANDCA13184679
show port-security	show port_security {ports <portlist>}	ARISTANDCA13183735
show privilege	show privilege	ARISTANDCA13184679
show qos maps	show qos map [dscp-queue]	ARISTANDCA13184679
show snmp	show snmp	ARISTANDCA13184679
show snmp engineID	show snmp engineID	ARISTANDCA13184679
show snmp host	show snmp host <ipaddr>	ARISTANDCA13183735
show snmp user	show snmp users [username]	ARISTANDCA13184679
show snmp view	show snmp views [viewname]	ARISTANDCA13184679
show spanning-tree	show spanning-tree [ethernet interface -number   port-channel port-channel-number] [instance instance-id]	ARISTANDCA13184679
show spanning-tree blockedports	show spanning-tree [detail] [active   blockedports] [instance instance-id]	ARISTANDCA13184679
show spanning-tree mst configuration	show spanning-tree mst-configuration	ARISTANDCA13184679
show tacacs	show tacacs [ip-address]	ARISTANDCA13184679
show users	show users	ARISTANDCA13184679
show version	show version [unit unit]	ARISTANDCA13184679
show vlan	show vlan [tag vlan-id   name vlan-name ]	ARISTANDCA13184679
show vlan internal usage	show vlan internal usage	ARISTANDCA13184679
show vrrp	show vrrp {ipif <ipif_name 12> {vrid <vrid 1-255>}	ARISTANDCA13183735
snmp-server community	snmp-server community community [ro   rw   su] [ipv4-address ipv6-address][view view-name]	ARISTANDCA13184679
snmp-server contact	snmp-server contact text	ARISTANDCA13184679
snmp-server enable traps	snmp-server enable traps	ARISTANDCA13184679
snmp-server engineID local	snmp-server engineID local {engineid-string   default}	ARISTANDCA13184679
snmp-server group	snmp-server group groupname {v1   v2   v3 {noauth   auth   priv} {notify notifyview } } [read readview] [write writeview]	ARISTANDCA13184679
snmp-server host	snmp-server host {ipv4-address   ipv6-address   hostname} community-string {traps   informs} [1   2] [udp-port port] [filter filtername] [timeout seconds] [retries retries]	ARISTANDCA13184679
snmp-server location	snmp-server location text	ARISTANDCA13184679
snmp-server user	snmp-server user username groupname [remote engineid-string] [ auth-md5 password   auth-sha password   auth-md5-key md5-des-keys   auth-sha-key sha-des-keys]	ARISTANDCA13184679
snmp-server view	snmp-server view view-name oid-tree {included   excluded}	ARISTANDCA13184679
spanning-tree bpduguard	spanning-tree bpduguard	ARISTANDCA13184679
spanning-tree cost	spanning-tree cost cost	ARISTANDCA13184679
spanning-tree guard	spanning-tree guard root	ARISTANDCA13184679
spanning-tree link-type	spanning-tree link-type {point-to-point   shared}	ARISTANDCA13184679
spanning-tree mode	spanning-tree mode {stp   rstp  mstp}	ARISTANDCA13184679
spanning-tree mst configuration	spanning-tree mst configuration	ARISTANDCA13184679
spanning-tree port-priority	spanning-tree port-priority priority	ARISTANDCA13184679
switchport access vlan	switchport access vlan {vlan-id }	ARISTANDCA13184679
switchport mode	switchport mode {access   trunk   general}	ARISTANDCA13184679
switchport trunk allowed vlan	switchport trunk allowed vlan {add vlan-list   remove vlan-list }	ARISTANDCA13184679
switchport trunk native vlan	switchport trunk native vlan vlan-id	ARISTANDCA13184679
tacacs-server host	tacacs-server host {ip-address   hostname} [single-connection] [port port-number] [timeout timeout] [key keystring] [source source] [priority priority]	ARISTANDCA13184679
tacacs-server key	tacacs-server key key-string	ARISTANDCA13184679
tacacs-server timeout	tacacs-server timeout timeout	ARISTANDCA13184679

Total of 100 command abstractions listed above.

Disputed Cisco Command	Avaya Command Syntax	Bates Number of Avaya Manual
area default-cost	area virtual-link <area-id> <nghbr-router-id> {[authentication-key <WORD>] [authenticationtype {none   simple   message-digest}] [primary-md5-key <1-255>] [dead-interval <1-2147483647>] [hello-interval <1-65535>] [retransmit-interval <1-3600>] [transit-delay <1-3600>]}	ARISTANDCA_AWAYA00084952
area default-cost (OSPFv3)	area virtual-link <area-id> <nghbr-router-id> {[authentication-key <WORD>] [authenticationtype {none   simple   message-digest}] [primary-md5-key <1-255>] [dead-interval <1-2147483647>] [hello-interval <1-65535>] [retransmit-interval <1-3600>] [transit-delay <1-3600>]}	ARISTANDCA_AWAYA00084952
area range	area range <A.B.C.D> <A.B.C.D/0-32> <summary-link   nssa-extlink>	ARISTANDCA_AWAYA00022577
area range (OSPFv3)	area range <A.B.C.D> <A.B.C.D/0-32> <summary-link   nssa-extlink> (OSPF only)	ARISTANDCA_AWAYA00022577
art timeout	arp <A.B.C.D> <H.H.H> <WORD> id <1-4094>   timeout <5-360>}	ARISTANDCA_AWAYA00084952
clear arp-cache	clear arp-cache	ARISTANDCA_AWAYA00084952
clear ip msdp sa-cache	clear ip msdp sa-cache [group <A.B.C.D>] [peer <A.B.C.D>] [rp <A.B.C.D>] [source <A.B.C.D>]	ARISTANDCA_AWAYA00022577
clock timezone	clock time-zone <WORD> <-12 - 13> <0-59>	ARISTANDCA_AWAYA00084952
clock set	clock set <MMddyyyyhhmmss>	ARISTANDCA_AWAYA00022577
default-information originate (OSPF)	default-information originate	ARISTANDCA_AWAYA00022577
default-information originate (OSPFv3)	default-information originate (OSPF only)	ARISTANDCA_AWAYA00022577
default-metric (OSPF)	default-metric <-1-2147483647> (BGP and RIP only)	ARISTANDCA_AWAYA00022577
default-metric (OSPFv3)	default-metric <-1-2147483647> (BGP and RIP only)	ARISTANDCA_AWAYA00022577
interface vlan	interface vlan <vid>	ARISTANDCA_AWAYA00026225
ip address	ip address <A.B.C.D> <A.B.C.D> <0-65535>	ARISTANDCA_AWAYA00022577
ip dhcp snooping	ip dhcp snooping [port<portlist>]<trusted   untrusted>	ARISTANDCA_AWAYA00022577
ip dhcp snooping vlan	[no] [default] ip dhcp snooping vlan <vid> [enable]	ARISTANDCA_AWAYA00022577
ip domain-name	ip domain-name <word>	ARISTANDCA_AWAYA00022577
ip icmp redirect	ip icmp redirect	ARISTANDCA_AWAYA00022577
ip igmp snooping	ip igmp snooping	ARISTANDCA_AWAYA00084952
ip igmp static-group	ip igmp static-group <group address> <to group address> [<portList>] <static   blocked>	ARISTANDCA_AWAYA00022577
ip igmp version	ip igmp version	ARISTANDCA_AWAYA00022577
ip msdp default-peer	ip msdp password peer <A.B.C.D> Word<1-80>	ARISTANDCA_AWAYA00022577
ip msdp description	ip msdp description <A.B.C.D> WORD<1-255>	ARISTANDCA_AWAYA00022577
ip msdp keepalive	ip msdp keepalive <A.B.C.D> <0-21845> <3-65535>	ARISTANDCA_AWAYA00022577
ip msdp mesh-group	ip msdp mesh-group Word<1-64> <A.B.C.D>	ARISTANDCA_AWAYA00022577
ip msdp originator-id	ip msdp originator-id <A.B.C.D>	ARISTANDCA_AWAYA00022577
ip msdp peer	ip msdp peer <A.B.C.D>	ARISTANDCA_AWAYA00022577
ip msdp sa-filter in	ip msdp sa-filter <in   out> <A.B.C.D> create [route-policy Word<1-64>]	ARISTANDCA_AWAYA00022577
ip msdp sa-filter out	ip msdp sa-filter <in   out> <A.B.C.D> create [route-policy Word<1-64>]	ARISTANDCA_AWAYA00022577
ip msdp sa-limit	ip msdp sa-limit <A.B.C.D> <0-6144>	ARISTANDCA_AWAYA00022577
ip name-server	ip name-server primary <word> [secondary <word>] [tertiary <word>]	ARISTANDCA_AWAYA00022577
ip ospf bfd	ip ospf [vlan <1-4094>/port <portNum>] bfd	ARISTANDCA_AWAYA00022577
ip pim rp-candidate	ip pim rp-candidate group <A.B.C.D> <A.B.C.D> rp <A.B.C.D>	ARISTANDCA_AWAYA00084952
ip prefix-list	ip prefix-list <1-1024> <prefix/len> [<ge   le> <0-32>]	ARISTANDCA_AWAYA00022577
ip route	ip route <A.B.C.D> <A.B.C.D> 255.255.255.255 enable [next-hop-vrf <WORD 0-16>]	ARISTANDCA_AWAYA00022577
ip routing	ip routing	ARISTANDCA_AWAYA00022577
ipv6 address	ipv6 address {[stack <WORD>] [switch <WORD>] [eui <1-3>]] [unit <1-8> <WORD>] [<WORD>]}	ARISTANDCA_AWAYA00084952
ipv6 enable	ipv6 [auto-config] [enable] [forwarding ] [hop-limit <0-255>] [icmp]	ARISTANDCA_AWAYA00084952
ipv6 nd managed-config-flag	ipv6 nd [dad-ns][hop-limit] [managed-config-flag] [other-config-flag] [ra-lifetime <0-9000>] [rtr-advert-max-interval <4-1800>] [rtr-advert-min-interval <3-1350> ] [send-ra]	ARISTANDCA_AWAYA00084952
ipv6 nd prefix	ipv6 nd prefix <prefix/prefix length> [infinite] [no-advertise] [preferred-life <seconds>] [valid-life <seconds>]	ARISTANDCA_AWAYA00022577
ipv6 nd ra lifetime	ipv6 nd [dad-ns][hop-limit] [managed-config-flag] [other-config-flag] [ra-lifetime <0-9000>] [rtr-advert-max-interval <4-1800>] [rtr-advert-min-interval <3-1350> ] [send-ra]	ARISTANDCA_AWAYA00084952
ipv6 neighbor	ipv6 neighbor <ipv6 address> port <slot/port> mac <mac address> vlan <vlan id>	ARISTANDCA_AWAYA00022577
ipv6 ospf area	ipv6 ospf area <A.B.C.D> cost <metric> [dead-interval <seconds>] [hello-interval <seconds>][network <value>][priority <value>] [retransmit-interval <seconds>] [transitdelay <seconds>]	ARISTANDCA_AWAYA00022577
ipv6 route	ipv6 route <ipv6 address/prefix> enable [next-hop <ipv6 address/prefix>] [port <slot/port>] [tunnel <tunnel-id>] [vlan <vlan id>]	ARISTANDCA_AWAYA00022577
is-type	[no] [default] is-type {1}	ARISTANDCA_AWAYA00022577
lACP system-priority	lACP system-priority <0-65535>	ARISTANDCA_AWAYA00022577

mac-address-table aging-time	mac-address-table [aging-time <10-1000000>] [learning <LINE>] [static <H.H.H> <1-4094>] interface {[Ethernet <LINE>]   [mlt <1-32>]}	ARISTANDCA_AWAYA00084952
maximum-paths	maximum-path <1-4>	ARISTANDCA_AWAYA00084952
maximum-paths (OSPFv3)	maximum-path <1-4>	ARISTANDCA_AWAYA00084952
no snmp-server	no snmp-server	ARISTANDCA_AWAYA00026225
ntp authentication-key	ntp authentication-key <1-2147483647> <word>	ARISTANDCA_AWAYA00022577
ntp server	ntp server <A.B.C.D>	ARISTANDCA_AWAYA00022577
radius-server host	radius server host	ARISTANDCA_AWAYA00022577
radius-server key	radius-server key	ARISTANDCA_AWAYA00026225
radius-server timeout	radius-server timeout	ARISTANDCA_AWAYA00026225
route-map	route-map Word<1-64> <1-65535>	ARISTANDCA_AWAYA00022577
router bgp	router bgp	ARISTANDCA_AWAYA00022577
router isis	router isis	ARISTANDCA_AWAYA00022577
router-id	router-id <A.B.C.D>	ARISTANDCA_AWAYA00022577
router-id (OSPFv3)	router-id <A.B.C.D> (OSPF only)	ARISTANDCA_AWAYA00022577
show arp	show arp [<A.B.C.D>][add-fail][dynamic][<H.H.H>][static][summary][<-s>][vlan <1-4094>]	ARISTANDCA_AWAYA00084952
show clock	show clock	ARISTANDCA_AWAYA00022577
show hosts	show hosts <word>	ARISTANDCA_AWAYA00022577
show interfaces	Several "show interfaces" commands are supported	ARISTANDCA_AWAYA00022577, ARISTANDCA_AWAYA00084952
show ip bgp neighbors	show ip bgp neighbors [vrf <WORD 0-16>] [vrfs <WORD 0-255>]	ARISTANDCA_AWAYA00022577
show ip bgp peer-group	show ip bgp peer-group [<WORD 1-1536>] [vrf <WORD 0-16>] [vrfs <WORD 0-255>]	ARISTANDCA_AWAYA00022577
show ip bgp summary	show ip bgp summary [vrf <WORD 0-16>] [vrfs <WORD 0-255>]	ARISTANDCA_AWAYA00022577
show ip community-list	show ip community-list <1-1024> [vrf WORD<0-32>   vrfs WORD<0-255>]	ARISTANDCA_AWAYA00022577
show ip dhcp snooping	show ip dhcp snooping	ARISTANDCA_AWAYA00022577
show ip extcommunity-list	show ip extcommunity-list <1-1024> [vrf WORD<0-32>   vrfs WORD<0-255>]	ARISTANDCA_AWAYA00022577
show ip igmp interface	show ip igmp interface [fastethernet <slot/port>] [gigabitethernet <slot/port>] [pos <slot/port>] [vlan <slot/port>] [vrf Word<0-16>] [vrfs Word<0-255>]	ARISTANDCA_AWAYA00022577
show ip igmp snooping	show ip igmp snooping [vrf Word<0-16>] [vrfs Word<0-255>]	ARISTANDCA_AWAYA00022577
show ip interface	show ip interface [gigabitethernet <1-4094> <slot/port>] [vrf WORD<0-64>] [vrfs <WORD 0-255>]	ARISTANDCA_AWAYA00022577
show ip msdp mesh-group	show ip msdp mesh-group [Word<1-64>]	ARISTANDCA_AWAYA00022577
show ip msdp peer	show ip msdp peer [<A.B.C.D>] [<accepted-sas> advertised-sas>]	ARISTANDCA_AWAYA00022577
show ip msdp sa-cache	show ip msdp sa-cache [foreign local] [group <A.B.C.D>] [rp <A.B.C.D>] [source <A.B.C.D>]	ARISTANDCA_AWAYA00022577
show ip msdp summary	show ip msdp summary	ARISTANDCA_AWAYA00022577
show ip ospf	show ip ospf [vrf <WORD 0-16>] [vrfs <WORD 0-255>]	ARISTANDCA_AWAYA00022577
show ip ospf interface	show ip ospf interface [<interface-type>] [<interface-id>] [vrf <WORD 1-16>] [vrfs <0-255>]	ARISTANDCA_AWAYA00022577
show ip ospf neighbor	show ip ospf neighbor [vrf <WORD 0-16>] [vrfs <WORD 0-255>]	ARISTANDCA_AWAYA00022577
show ip pim interface	show ip pim interface [fastEthernet <slot/port>] [gigabitethernet <slot/port>] [pos <slot/port>] [vlan <slot/port>] [vrf Word<0-16>] [vrfs Word<0-255>]	ARISTANDCA_AWAYA00022577
show ip pim neighbor	show ip pim neighbor [vrf Word<0-16>] [vrfs Word<0-255>]	ARISTANDCA_AWAYA00022577
show ip pim rp-hash	show ip pim rp-hash [vrf Word<0-16>] [vrfs Word<0-255>]	ARISTANDCA_AWAYA00022577
show ip prefix-list	show ip prefix-list [<WORD 1-64>] [prefix <A.B.C.D>] [vrf <WORD 0-32>] [vrfs <0-255>]	ARISTANDCA_AWAYA00022577
show ip route	show ip route [<A.B.C.D>] [-s <A.B.C.D> <A.B.C.D>] [alternative] [count-summary] [vrf WORD<0-64>] [vrfs WORD<0-255>] [preference [next-hop-vrf <WORD 0-16>]] [spbm-nh-as-mac] [static [-s <A.B.C.D>] [vrf WORD<0-64>] [vrfs WORD<0-255>] [<A.B.C.D>]] [vrf <WORD 0-16>] [vrfs <WORD 0-255>]	ARISTANDCA_AWAYA00022577
show ip route summary	show ip route [ospf] [rip] [static] [A.B.C.D] [-s <subnet-ip> <mask-ip>] [summary]	ARISTANDCA_AWAYA00084952
show ipv6 interface	show ipv6 interface [<interface-type>] [<interface-id>] [<interface-index>]	ARISTANDCA_AWAYA00022577
show ipv6 ospf	show ipv6 ospf	ARISTANDCA_AWAYA00022577
show ipv6 ospf neighbor	show ipv6 ospf neighbor	ARISTANDCA_AWAYA00022577
show ipv6 prefix-list	show ipv6 prefix-list [prefix WORD<1-256>] [WORD<1-64>]	ARISTANDCA_AWAYA00022577
show isis interface	show isis interface [I1 I2 I12]	ARISTANDCA_AWAYA00022577
show lacp interface	show lacp interface [{fastethernet gigabitethernet pos}] [vid {vlan-id[-vlan-id][...]}] [<port-list>]	ARISTANDCA_AWAYA00022577
show lldp	Several "show lldp" commands are supported	ARISTANDCA_AWAYA00084952
show mac-address-table	Several "show mac-address-table" commands are supported	ARISTANDCA_AWAYA00084952
show mac-address-table aging-time	show mac-address-table aging-time	ARISTANDCA_AWAYA00084952
show radius	show radius [accounting interim-updates   dynamic-server {client {A.B.C.D}   replayprotection   statistics client {A.B.C.D}}   reachability   use-management-ip]	ARISTANDCA_AWAYA00084952
show route-map	show route-map [<WORD 1-64>] [<1-65535>] [vrf <WORD 0-32>] [vrfs <0-255>]	ARISTANDCA_AWAYA00022577

show spanning-tree	Supports over 10 "show spanning-tree" commands	ARISTANDCA_AVAYA00022577
show storm-control	show storm-control [all][broadcast][multicast][unicast]	ARISTANDCA_AVAYA00084952
show tacacs	show tacacs	ARISTANDCA_AVAYA00022577
show users	show users	ARISTANDCA_AVAYA00022577
show vlan	Support several "show vlan" commands	ARISTANDCA_AVAYA00022577
snmp-server community	snmp-server community <name> [group <WORD>] [index <WORD>] [secname <WORD>]	ARISTANDCA_AVAYA00022577
snmp-server contact	no snmp-server contact	ARISTANDCA_AVAYA00084952
snmp-server group	snmp-server group <group name> <context name> [auth-no-priv] [auth-priv] [no-auth-no-priv] [notify-view <WORD>] [read-view <WORD>] [write-view <WORD>]	ARISTANDCA_AVAYA00022577
snmp-server host	snmp-server host [A.B.C.D] [<WORD>] [port <1-65535>] [v1 <WORD> filter <WORD>] [v2c <WORD> {filter <WORD>   inform [{timeout <1-2147483647>} [retries <0-255>}] [v3 <auth>   no-auth> <WORD>}]	ARISTANDCA_AVAYA00084952
snmp-server location	snmp-server location <LINE>	ARISTANDCA_AVAYA00084952
snmp-server user	snmp-server user <WORD> [read-view <WORD>] [write-view <WORD>] [notify-view <WORD>] [{md5 sha} <password>] [read-view <WORD>] [write-view <WORD>] [notify-view <WORD>] [{aes des 3des} <password>] [read-view <WORD>] [write-view <WORD>] [notify-view <WORD>]	ARISTANDCA_AVAYA00022577
snmp-server view	snmp-server view <view name> <subtree oid>	ARISTANDCA_AVAYA00022577
spanning-tree cost	spanning-tree cost	ARISTANDCA_AVAYA00026225
spanning-tree mode	spanning-tree mode {mst   rstp   stpg}	ARISTANDCA_AVAYA00084952
storm-control	storm-control [broadcast   multicast   unicast [all] [action [none   drop   shutdown]] [enable] [high-watermark <10-100000000>] [low-watermark <10-100000000>] [poll interval <5-300>] [trap interval <0-1000>]	ARISTANDCA_AVAYA00084952
tacacs-server host	tacacs server [host {A.B.C.D}] [secondary-host {A.B.C.D}] [port <1-65535>] [key]	ARISTANDCA_AVAYA00084952
tacacs-server key	tacacs server [host {A.B.C.D}] [secondary-host {A.B.C.D}] [port <1-65535>] [key]	ARISTANDCA_AVAYA00084952
terminal length	terminal {length <0-132>   speed [{19200}   [38400]   [9600]] width <1-132>}	ARISTANDCA_AVAYA00084952
timers basic	timers basic holddown <holdown-timer> timeout <global-timeout> update <update-timer>	ARISTANDCA_AVAYA00084952

Total of 117 command abstractions listed above.

Disputed Cisco Command	Brocade Command Syntax	Bates Number of Brocade Manual
aaa accounting	aaa accounting exec default start-stop none [no] aaa accounting exec default start-stop radius   tacacs+   none	ARISTANDCA_BROCADE01785618, ARISTANDCA_BROCADE00062898
aaa authentication login	aaa authentication login { default   ldap   local   radius { local   local-auth-failback }   tacacs+ { local   local-auth-failback } }	ARISTANDCA_BROCADE01785618
address-family	address-family { ipv4   ipv6 } no address-family { ipv4   ipv6 }	ARISTANDCA_BROCADE01785618
aggregate-address	aggregate-address { ip-addr ip-mask   ipv6-addr ipv6-mask } [ advertise-map map-name ] [ as-set ] [ attribute-map map-name ] [ summary-only ] [ suppress-map map-name ]	ARISTANDCA_BROCADE01785618
area nssa	area { A.B.C.D   decimal } nssa { metric [ no-summary ]   default-information-originate }	ARISTANDCA_BROCADE01785618
area nssa (OSPFv3)	area { IPv6 address   decimal } nssa { metric } [ default-information-originate [ metric num ] [ metric-type { type-1   type-2 } ] ] [ no-redistribution ] [ no-summary ] [ translator-always ] [ translator-interval interval ]	ARISTANDCA_BROCADE01785618
area nssa default-information-originate	area { A.B.C.D   decimal } nssa { metric [ no-summary ]   default-information-originate }	ARISTANDCA_BROCADE01785618
area nssa default-information-originate (OSPFv3)	area { IPv6 address   decimal } nssa { metric } [ default-information-originate [ metric num ] [ metric-type { type-1   type-2 } ] ] [ no-redistribution ] [ no-summary ] [ translator-always ] [ translator-interval interval ]	ARISTANDCA_BROCADE01785618
area range	area { A.B.C.D   decimal } range E.F.G.H.I.J.K.L [ advertise   not-advertise ] [ cost cost value ]	ARISTANDCA_BROCADE01785618
area range (OSPFv3)	area { IPv6 address   decimal } range ipv6 address/mask [ advertise   not-advertise ] [ cost cost value ]	ARISTANDCA_BROCADE01363517
area stub	area { A.B.C.D   decimal } stub metric [ no-summary ]	ARISTANDCA_BROCADE01785618
area stub (OSPFv3)	area { A.B.C.D   decimal } stub metric [ no-summary ]	ARISTANDCA_BROCADE01785618
banner login	banner login message	ARISTANDCA_BROCADE01785618
banner motd	banner motd message	ARISTANDCA_BROCADE01785618
bfd all-interfaces	bfd all-interfaces all-vrfs	ARISTANDCA_BROCADE1530651
bgp redistribute internal	bgp redistribute-internal	ARISTANDCA_BROCADE01785618
boot system	boot system flash { primary   secondary } [ yes ]	ARISTANDCA_BROCADE01363517
channel-group	channel-group number mode { active   passive   on } [ type { standard   brocade } ]	ARISTANDCA_BROCADE01785618
clear arp-cache	clear arp-cache [ interface interface-type interface-number [ no-refresh ] ] [ ip ip-address [ no-refresh ] ] [ no-refresh ]	ARISTANDCA_BROCADE01689556
clear counters	clear counters { access-list { ip   ipv6   mac } { all   interface { fcoe { vn-number   all }   port-channel number   fibrechannel rbridge-id/slot/port } }   <N> gigabitethernet rbridge-id/slot/port }   slot-id number   vlan vlan_id }   storm-control }	ARISTANDCA_BROCADE01785618
clear ip msdp sa-cache	clear ip msdp { vrf vrf-name } sa-cache [ ip-addr ]	ARISTANDCA_BROCADE01363517
clear ip ospf neighbor	clear ip ospf neighbor { A.B.C.D   all }	ARISTANDCA_BROCADE01785618
clear mac-address-table dynamic	clear mac-address-table dynamic [ address mac_address   interface <N> gigabitethernet rbridge-id/slot/port   vlan vlan_id ]	ARISTANDCA_BROCADE01785618
clear spanning-tree counters	clear spanning-tree counter [ interface   port-channel number   <N> gigabitethernet rbridge-id/slot/port ]	ARISTANDCA_BROCADE01785618
clock set	clock set CCYY-MM-DDTHH:MM:SS [ rbridge-id { rbridge-id   all } ]	ARISTANDCA_BROCADE01785618
clock timezone	clock timezone region/city [ rbridge-id { rbridge-id   all } ]	ARISTANDCA_BROCADE01785618
default-information originate (OSPF)	area { A.B.C.D   decimal } nssa { metric [ no-summary ]   default-information-originate }	ARISTANDCA_BROCADE01785618
default-information originate (OSPFv3)	area { IPv6 address   decimal } nssa { metric } [ default-information-originate [ metric num ] [ metric-type { type-1   type-2 } ] ] [ no-redistribution ] [ no-summary ] [ translator-always ] [ translator-interval interval ]	ARISTANDCA_BROCADE01785618
default-metric (OSPF)	default-metric metric	ARISTANDCA_BROCADE01785618
default-metric (OSPFv3)	default-metric metric	ARISTANDCA_BROCADE01785618
domain-id	domain-id <domain-identifier>	ARISTANDCA_BROCADE00062898
dot1x port-control	dot1x port-control { auto   force-authorized   force-unauthorized }	ARISTANDCA_BROCADE01785618
dot1x reauthentication	dot1x reauthentication	ARISTANDCA_BROCADE01785618
dot1x timeout reauth-period	dot1x timeout re-authperiod seconds	ARISTANDCA_BROCADE01785618
dot1x timeout tx-period	dot1x timeout tx-period seconds	ARISTANDCA_BROCADE01785618
errdisable recovery cause	errdisable recovery cause { all   cause }	ARISTANDCA_BROCADE01363517
errdisable recovery interval	errdisable recovery interval time	ARISTANDCA_BROCADE01363517
interface ethernet	interface [ fibrechannel rbridge-id/slot/port   fcoe vn-number/rbridge-id/front-port-number   <N> gigabitethernet rbridge-id/slot/port   port-channel number   vlan vlan_id ]	ARISTANDCA_BROCADE01785618
interface loopback	interface loopback port_number	ARISTANDCA_BROCADE01785618
interface port-channel	interface [ fibrechannel rbridge-id/slot/port   fcoe vn-number/rbridge-id/front-port-number   <N> gigabitethernet rbridge-id/slot/port   port-channel number   vlan vlan_id ]	ARISTANDCA_BROCADE01785618
interface vlan	interface [ fibrechannel rbridge-id/slot/port   fcoe vn-number/rbridge-id/front-port-number   <N> gigabitethernet rbridge-id/slot/port   port-channel number   vlan vlan_id ]	ARISTANDCA_BROCADE01785618
ip access-group	ip access-group ACLname { in   out } [ switched   routed ]	ARISTANDCA_BROCADE01785618
ip access-list	p access-list { standard   extended } ACLname	ARISTANDCA_BROCADE01785618
ip access-list standard	p access-list { standard   extended } ACLname	ARISTANDCA_BROCADE01785618
ip address	ip address ip-address/mask [ secondary ] [ { ospf-ignore   ospf-active } ]	ARISTANDCA_BROCADE01785618
ip as-path access-list	ip as-path access-list string [ seq seq-value ] [ deny regular-expression   permit regular-expression ]	ARISTANDCA_BROCADE01785618
ip community-list standard	ip community-list standard community-list-name { deny [ community-number   AA:NN ]   permit community-number } [ seq seq-value ] [ internet   local-as   no-advertise   no-export ]	ARISTANDCA_BROCADE01785618



ip domain lookup	[no] ip domain-lookup <ip-address>   <host-name>	ARISTANDCA_BROCADE00062898
ip domain-name	ip domain-name name	ARISTANDCA_BROCADE00571651
ip helper-address	ip helper-address address-number [ ip-address [ unicast ] ]	ARISTANDCA_BROCADE01363517
ip icmp redirect	ip icmp redirect	ARISTANDCA_BROCADE01785618
ip igmp last-member-query-interval	ip igmp last-member-query-interval <i>milliseconds</i>	ARISTANDCA_BROCADE01785618
ip igmp query-interval	ip igmp query-interval <i>seconds</i>	ARISTANDCA_BROCADE01785618
ip igmp query-max-response-time	ip igmp query-max-response-time <i>seconds</i>	ARISTANDCA_BROCADE01785618
ip igmp static-group	ip igmp static-group <i>A.B.C.D</i>	ARISTANDCA_BROCADE01785618
ip igmp version	ip igmp version	ARISTANDCA_BROCADE01363517
ip load-sharing	ip load-sharing	ARISTANDCA_BROCADE01785618
ip multicast boundary	ip multicast-boundary [ <i>prefix-list</i> ]	ARISTANDCA_BROCADE01785618
ip multicast-routing	ip multicast-routing optimization oif-list all ip multicast-routing load-sharing [ <i>rebalance</i> ]	ARISTANDCA_BROCADE01363517 AND ARISTANDCA_BROCADE01530651
ip nat pool	[no] ip nat pool <pool-name> <start-ip> <end-ip> netmask <ip-mask>   prefix-length <length> [type match-host   rotary]	ARISTANDCA_BROCADE00062898
ip nat translation tcp-timeout	[no] ip nat translation timeout   udp-timeout   tcp-timeout   finrst-timeout   dns-timeout <secs>	ARISTANDCA_BROCADE00062898
ip nat translation udp-timeout	[no] ip nat translation timeout   udp-timeout   tcp-timeout   finrst-timeout   dns-timeout <secs>	ARISTANDCA_BROCADE00062898
ip ospf authentication-key	ip ospf authentication-key { 0 <i>password</i>   2 <i>password</i>   255 <i>password</i>   <i>password</i> }	ARISTANDCA_BROCADE01785618
ip ospf cost	ip ospf cost <i>value</i>	ARISTANDCA_BROCADE01785618
ip ospf dead-interval	ip ospf dead-interval <i>interval</i>	ARISTANDCA_BROCADE01785618
ip ospf hello-interval	ip ospf hello-interval <i>interval</i>	ARISTANDCA_BROCADE01785618
ip ospf network	ip ospf network { broadcast   point-to-point }	ARISTANDCA_BROCADE01785618
ip ospf priority	ip ospf priority <i>value</i>	ARISTANDCA_BROCADE01785618
ip ospf retransmit-interval	ip ospf retransmit-interval <i>rtx-int</i>	ARISTANDCA_BROCADE01785618
ip ospf transmit-delay	ip ospf transmit-delay <i>tx-delay</i>	ARISTANDCA_BROCADE01785618
ip pim dr-priority	ip pim dr-priority <i>priority-value</i>	ARISTANDCA_BROCADE01785618
ip prefix-list	ip prefix-list <i>name</i> { [ deny <i>ip-prefix/prefix-length</i>   permit <i>ip-prefix/prefix-length</i> ] <i>ge ge-value</i> [ le <i>le-value</i> ] }   <i>seq sequence-number</i> }	ARISTANDCA_BROCADE01785618
ip proxy-arp	ip proxy-arp	ARISTANDCA_BROCADE01785618
ip radius source-interface	ip radius source-interface { ethernet stack-id/slot/port   loopback number   management number   ve number }	ARISTANDCA_BROCADE01363517
ip route	ip route <i>A.B.C.D/L A.B.C.D</i> { <i>metric</i> } [ distance <i>distance</i> ] [ tag tag ] ip route <i>A.B.C.D/L</i> { <N>gigabitethernet slot/port ve <i>vlan_id</i> } [ <i>metric</i> ] [ distance <i>distance</i> ] [ tag tag ] ip route <i>A.B.C.D/L</i> null slot/port [ <i>metric</i> ] [ distance <i>distance</i> ] [ tag tag ]	ARISTANDCA_BROCADE01785618
ip tacacs source-interface	ip tacacs source-interface { ethernet stack-id/slot/port   loopback number   management number   ve number }	ARISTANDCA_BROCADE01363517
ipv6 access-list	ipv6 access-list { standard   extended } <i>ACLname</i>	ARISTANDCA_BROCADE01785618
ipv6 address	ipv6 address <i>ipv6-prefix/prefix-length</i> [ secondary ]	ARISTANDCA_BROCADE01785618
ipv6 enable	ipv6 enable	ARISTANDCA_BROCADE01363517
ipv6 access-group	ipv6 access-group <i>ACLname</i> { in   out } [ switched   routed ]	ARISTANDCA_BROCADE01785618
ipv6 nd managed-config-flag	ipv6 nd managed-config-flag	ARISTANDCA_BROCADE01785618
ipv6 nd ns-interval	ipv6 nd ns-interval <i>seconds</i>	ARISTANDCA_BROCADE01785618
ipv6 nd other-config-flag	ipv6 nd other-config-flag	ARISTANDCA_BROCADE01785618
ipv6 nd ra interval	ipv6 nd ra-interval <i>max-value</i> min <i>min-value</i>	ARISTANDCA_BROCADE01785618
ipv6 nd ra lifetime	ipv6 nd ra-lifetime <i>seconds</i>	ARISTANDCA_BROCADE01785618
ipv6 nd reachable-time	ipv6 nd reachable-time <i>milli seconds</i>	ARISTANDCA_BROCADE01785618
ipv6 neighbor	ipv6 neighbor <i>ipv6address</i> <i>MACaddress</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf area	ipv6 ospf area <i>area-id</i>   <i>ipv6-addr</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf cost	ipv6 ospf cost <i>value</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf dead-interval	ipv6 ospf dead-interval <i>interval</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf hello-interval	ipv6 ospf hello-interval <i>interval</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf network	ipv6 ospf network { broadcast   point-to-point }	ARISTANDCA_BROCADE01785618
ipv6 ospf priority	ipv6 ospf priority <i>value</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf retransmit-interval	ipv6 ospf retransmit-interval <i>interval</i>	ARISTANDCA_BROCADE01785618
ipv6 ospf transmit-delay	ipv6 ospf transmit-delay <i>value</i>	ARISTANDCA_BROCADE01785618
ipv6 prefix-list	ipv6 prefix-list <i>name</i> { [ deny <i>ipv6-prefix/prefix-length</i>   permit <i>ipv6-prefix/prefix-length</i> ] <i>ge ge-value</i> [ le <i>le-value</i> ] }   <i>seq sequence-number</i> }	ARISTANDCA_BROCADE01785618
ipv6 route	ipv6 route <i>dest-ipv6-prefix/prefix-length</i> [next-hop-ipv6-address   link-local-next-hop-ipv6-address ] [ <N>gigabitethernet slot/port   null 0   ve <i>vlan_id</i> ] [ <i>metric</i> ] [ distance <i>number</i> ] [ tag tag ] ipv6 route <i>ipv6-prefix/prefix-length</i> next-hop-vrf <i>vrf_name</i> next-hop-ipv6-address	ARISTANDCA_BROCADE01785618
ipv6 router ospf	ipv6 router ospf [ <i>vrf name</i> ]	ARISTANDCA_BROCADE01785618
ipv6 unicast-routing	ipv6 unicast-routing	ARISTANDCA_BROCADE01363517
isis hello-interval	[no] isis hello-interval <num> [level-1-only   level-2-only]	ARISTANDCA_BROCADE00062898
isis hello-multiplier	[no] isis hello-multiplier <num> [level-1-only   level-2-only]	ARISTANDCA_BROCADE00062898
isis metric	You can change the metric value for a specific interface using the isis metric command or the isis ipv6 command. The isis metric command configuration takes precedence over the default-link metric <i>value</i> command configuration.	ARISTANDCA_BROCADE01530651
isis passive	[no] isis passive	ARISTANDCA_BROCADE00062898
isis priority	[no] isis priority <num> [level-1-only   level-2-only]	ARISTANDCA_BROCADE00062898
is-type	[no] is-type level-1-only   level-1-2   level-2-only	ARISTANDCA_BROCADE00062898
lacp port-priority	lacp port-priority <i>value</i>	ARISTANDCA_BROCADE01785618

l2cp system-priority	l2cp system-priority <i>value</i>	ARISTANDCA_BROCADE01785618
lldp run	lldp run no lldp run	ARISTANDCA_BROCADE01363517
load-interval	statistics-load-interval { seconds   accumulated } load-interval <interval>	ARISTANDCA_BROCADE01530651, ARISTANDCA_BROCADE00062898
logging host	logging host { ipv4-addr   server-name   ipv6 ipv6-addr } [ udp-port number ]	ARISTANDCA_BROCADE01363517
log-adjacency-changes (IS-IS)	[no] log-adjacency-changes	ARISTANDCA_BROCADE00062898
mac access-group	mac access-group <i>ACLname</i> { in   out } [ switched   routed ]	ARISTANDCA_BROCADE01785618
mac-address-table aging-time	mac-address-table { aging-time <i>seconds</i>   conversational <i>aging_time</i>   learning-mode <i>conversational</i> }	ARISTANDCA_BROCADE01785618
mac-address-table static	mac-address-table static <i>mac-addr</i> forward { <N> gigabitethernet <i>rbridge-id/slot/port</i>   port-channel <i>number</i>   vlan <i>vlan_id</i> }	ARISTANDCA_BROCADE01785618
maximum-paths	maximum-paths <i>num</i>   use-load-sharing	ARISTANDCA_BROCADE01785618
maximum-paths (OSPFv3)	maximum-paths <i>num</i> no maximum-paths	ARISTANDCA_BROCADE01785618
neighbor activate	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } activate	ARISTANDCA_BROCADE01785618
neighbor default-originate	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } default-originate [ <i>route-map map-name</i> ]	ARISTANDCA_BROCADE01785618
neighbor description	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } description <i>string</i>	ARISTANDCA_BROCADE01785618
neighbor ebgp-multiphop	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } ebgp-multiphop [ <i>max-hop-count</i> ]	ARISTANDCA_BROCADE01785618
neighbor local-as	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } local-as <i>num</i> [ no-prepend ]	ARISTANDCA_BROCADE01785618
neighbor next-hop-self	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } next-hop-self [ always ]	ARISTANDCA_BROCADE01785618
neighbor password	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } password <i>string</i>	ARISTANDCA_BROCADE01785618
neighbor peer-group (assigning members)	neighbor { <i>ip-address</i>   <i>ipv6-address</i> } peer-group <i>string</i>	ARISTANDCA_BROCADE01785618
neighbor peer-group (creating)	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } { activate   advertisement-interval   allowas-in   as-override   capability as4   capability of prefixlist default-originate     description   ebgp-multiphop   enforce-first-as   filter-list   local-as   maxas-limit in   maximum-prefix   next-hop-self   password   peer-group   prefix-list   remote-as   remove-private-as   route-map   route- reflector-client   send-community   shutdown   soft-reconfiguration   static- network-edge   timers   unsuppress-map   update-sourceweight }	ARISTANDCA_BROCADE01785618
neighbor remote-as	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } { activate   advertisement-interval   allowas-in   as-override   capability as4   capability of prefixlist default-originate     description   ebgp-multiphop   enforce-first-as   filter-list   local-as   maxas-limit in   maximum-prefix   next-hop-self   password   peer-group   prefix-list   remote-as   remove-private-as   route-map   route- reflector-client   send-community   shutdown   soft-reconfiguration   static- network-edge   timers   unsuppress-map   update-sourceweight }	ARISTANDCA_BROCADE01785618
neighbor remove-private-as	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } { activate   advertisement-interval   allowas-in   as-override   capability as4   capability of prefixlist default-originate     description   ebgp-multiphop   enforce-first-as   filter-list   local-as   maxas-limit in   maximum-prefix   next-hop-self   password   peer-group   prefix-list   remote-as   remove-private-as   route-map   route- reflector-client   send-community   shutdown   soft-reconfiguration   static- network-edge   timers   unsuppress-map   update-sourceweight }	ARISTANDCA_BROCADE01785618
neighbor route-map	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } route-map { in <i>string</i>   out <i>string</i> }	ARISTANDCA_BROCADE01785618
neighbor route-reflector-client	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } route-reflector-client	ARISTANDCA_BROCADE01785618
neighbor send-community	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } { activate   advertisement-interval   allowas-in   as-override   capability as4   capability of prefixlist default-originate     description   ebgp-multiphop   enforce-first-as   filter-list   local-as   maxas-limit in   maximum-prefix   next-hop-self   password   peer-group   prefix-list   remote-as   remove-private-as   route-map   route- reflector-client   send-community   shutdown   soft-reconfiguration   static- network-edge   timers   unsuppress-map   update-sourceweight }	ARISTANDCA_BROCADE01785618
neighbor shutdown	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } { activate   advertisement-interval   allowas-in   as-override   capability as4   capability of prefixlist default-originate     description   ebgp-multiphop   enforce-first-as   filter-list   local-as   maxas-limit in   maximum-prefix   next-hop-self   password   peer-group   prefix-list   remote-as   remove-private-as   route-map   route- reflector-client   send-community   shutdown   soft-reconfiguration   static- network-edge   timers   unsuppress-map   update-sourceweight }	ARISTANDCA_BROCADE01785618
neighbor soft-reconfiguration	neighbor { <i>ip-address</i>   <i>ipv6-address</i>   <i>peer-group-name</i> } { activate   advertisement-interval   allowas-in   as-override   capability as4   capability of prefixlist default-originate     description   ebgp-multiphop   enforce-first-as   filter-list   local-as   maxas-limit in   maximum-prefix   next-hop-self   password   peer-group   prefix-list   remote-as   remove-private-as   route-map   route- reflector-client   send-community   shutdown   soft-reconfiguration   static- network-edge   timers   unsuppress-map   update-source weight }	ARISTANDCA_BROCADE01785618



neighbor timers	neighbor { ip-address   ipv6-address   peer-group-name } { activate   advertisement-interval   allowas-in   as-override   capability as4   capability orf prefixlist default-originate    description   ebgp-multihop   enforce-first-as   filter-list  local-as   maxas-limit in   maximum-prefix  next-hop- self   password   peer-group   prefix-list  remote-as   remove-private-as   route-map  route-reflector-client  send-community  shutdown   soft-reconfiguration   static-network-edge   timers   unsuppress-map   update-source weight }	ARISTANDCA_BROCADE01785618
neighbor update-source	neighbor { ip-address   ipv6-address   peer-group-name } { activate   advertisement-interval   allowas-in   as-override   capability as4   capability orf prefixlist default-originate    description   ebgp-multihop   enforce-first-as   filter-list  local-as   maxas-limit in   maximum-prefix  next-hop- self   password   peer-group   prefix-list  remote-as   remove-private-as   route-map  route-reflector-client  send-community  shutdown   soft-reconfiguration   static-network-edge   timers   unsuppress-map   update-source weight }	ARISTANDCA_BROCADE01785618
neighbor weight	neighbor { ip-address   ipv6-address   peer-group-name } { activate   advertisement-interval   allowas-in   as-override   capability as4   capability orf prefixlist default-originate    description   ebgp-multihop   enforce-first-as   filter-list  local-as   maxas-limit in   maximum-prefix  next-hop- self   password   peer-group   prefix-list  remote-as   remove-private-as   route-map  route-reflector-client  send-community  shutdown   soft-reconfiguration   static-network-edge   timers   unsuppress-map   update-source weight }	ARISTANDCA_BROCADE01785618
no snmp-server	no snmp-server community string [ groupname group-name ] [ ipv4-acl standard-ipv4-acl-name ] [ ipv6-acl standard-ipv6-acl-name ]	ARISTANDCA_BROCADE01785618
ntp authentication-key	ntp authentication-key key-id {md5 md5-string   sha1 sha1-string } encryption-level enc_value	ARISTANDCA_BROCADE01785618
ntp server	ntp server ip-address [ key key-id ]	ARISTANDCA_BROCADE01785618
private-vlan	private-vlan [ isolated   community   primary ]	ARISTANDCA_BROCADE01785618
radius-server host	radius-server host { ip-address   host_name } [ auth-port portnum ] [ protocol { chap   pap   peap } ] [ key shared_secret ] [ encryption-level value_level ] [ timeout sec ] [ retries num ]	ARISTANDCA_BROCADE01785618
radius-server key	radius-server host { ip-address   host_name } [ auth-port portnum ] [ protocol { chap   pap   peap } ] [ key shared_secret ] [ encryption-level value_level ] [ timeout sec ] [ retries num ]	ARISTANDCA_BROCADE01785618
radius-server timeout	radius-server host { ip-address   host_name } [ auth-port portnum ] [ protocol { chap   pap   peap } ] [ key shared_secret ] [ encryption-level value_level ] [ timeout sec ] [ retries num ]	ARISTANDCA_BROCADE01785618
route-map	route-map name { permit   deny } instance_number	ARISTANDCA_BROCADE01785618
router bgp	router bgp	ARISTANDCA_BROCADE01785618
router isis	device(config)# router isis	ARISTANDCA_BROCADE01530651
router ospf	router ospf { vrf name }	ARISTANDCA_BROCADE01785618
router rip	device(config)# router rip	ARISTANDCA_BROCADE01530651
set-overload-bit	[no] set-overload-bit [on-startup <secs>]	ARISTANDCA_BROCADE00062898
show arp	show arp [dynamic[summary]]   <N> gigabitethernet rbridge-id/slot/port   ip ip-address   static [summary]   summary   ve vlan_id   vrf name   [rbridge-id all rbridge_id]   slot slot_no [[ip-address]   [vrf name] [ip-address]]	ARISTANDCA_BROCADE01785618
show clock	show clock [ rbridge-id { rbridge-id   all } ]	ARISTANDCA_BROCADE01785618
show dot1x	show dot1x	ARISTANDCA_BROCADE01785618
show dot1x statistics	show dot1x statistics interface [ <N> gigabitethernet rbridge-id/slot/port ]	ARISTANDCA_BROCADE01785618
show environment power	show environment power [ rbridge-id { rbridge-id   all } ]	ARISTANDCA_BROCADE01785618
show interfaces	show interface [ fibrechannel rbridge-id/slot/port   management rbridge-id/slot/port   fcoe [ vn-number/rbridge-id/front-port-number   rbridge-id rbridge-id ]   <N> gigabitethernet rbridge-id/slot/port   loopback number   port-channel number   stats rbridge-id/slot/port   switchport   vlan vlan_id ]	ARISTANDCA_BROCADE01785618
show inventory	show inventory [ chassis   fan   module   powerSupply ]	ARISTANDCA_BROCADE01785618
show ip access-lists	show access-list { ip   ipv6   mac } show ip access-list all   <acl-number>   begin <keyword>   exclude <keyword>   include <keyword>	ARISTANDCA_BROCADE01785618 ARISTANDCA_BROCADE00062898
show ip bgp	show ip bgp { ip-addr [/prefix] } [ longer-prefixes   rbridge-id { rbridge-id   all }   vrf vrf-name ]	ARISTANDCA_BROCADE01785618
show ip bgp neighbors	show ip bgp neighbors ip-addr show ip bgp neighbors last-packet-with-error [ rbridge-id { rbridge-id   all }   vrf vrf-name ] show ip bgp neighbors routes-summary [ rbridge-id { rbridge-id   all }   show ip bgp neighbors vrf vrf-name vrf vrf-name ] show ip bgp neighbors rbridge-id { rbridge-id   all }	ARISTANDCA_BROCADE01785618
show ip bgp peer-group	show ip bgp peer-group peer-group-name [ rbridge-id { rbridge-id   all }   vrf vrf-name ]	ARISTANDCA_BROCADE01785618
show ip bgp summary	show ip bgp summary [ rbridge-id { rbridge-id   all }   vrf vrf-name ]	ARISTANDCA_BROCADE01785618
show ip extcommunity-list	show ip extcommunity-list [ list_name [rbridge-id number]   rbridge-id list_name ]	ARISTANDCA_BROCADE01785618
show ip igmp groups	show ip igmp groups [ [ A.B.C.D [ detail ] ]   rbridge-id { rbridge-id   all }   [ interface [ <N> gigabitethernet rbridge-id/slot/port   ve [ vlan_id   rbridge-id rbridge-id ] [ detail   A.B.C.D ] ]   [ interface vlan vlan_id   detail ]   [ interface port-channel number   detail ] ] ]	ARISTANDCA_BROCADE01785618
show ip igmp interface	show ip igmp interface [ vlan vlan_id [ [ A.B.C.D [ detail ] ]   rbridge-id { rbridge-id   all }   [ interface [ <N> gigabitethernet rbridge-id/slot/port   ve [ vlan_id   rbridge-id rbridge-id ] [ detail   A.B.C.D ] ]   [ interface vlan vlan_id   detail ]   [ interface port-channel number   detail ] ] ]	ARISTANDCA_BROCADE01785618
show ip igmp snooping	show ip igmp snooping [ interface vlan vlan_id   mrouter interface vlan vlan_id ]	ARISTANDCA_BROCADE01785618

show ip interface	show ip interface [ brief [ rbridge-id { rbridge-id   all } ]   <N> gigabitethernet rbridge-id/slot/port   loopback number   port-channel number   ve vlan_id ]	ARISTANDCA_BROCADE01785618
show ip interface brief	show ip interface [ brief [ rbridge-id { rbridge-id   all } ]   <N> gigabitethernet rbridge-id/slot/port   loopback number   port-channel number   ve vlan_id ]	ARISTANDCA_BROCADE01785618
show ip mroute	show ip mroute [vrf vrf-name] { static   connected   nexthop   ip-subnet [ mask ] }	ARISTANDCA_BROCADE01363517
show ip msdp peer	show ip msdp peer [ vrf vrf-name ] peer peer-address	ARISTANDCA_BROCADE01363517
show ip msdp sa-cache	show ip msdp [ vrf vrf-name ] sa-cache [ counts ] [source-address group-address   peer peer-address [ in   out ]   peer-as as-number   orig-rp rp-address   rejected [ rnf   rnf-filter   se-filter   self-originated ]	ARISTANDCA_BROCADE01363517
show ip msdp summary	show ip msdp [ vrf vrf-name ] summary	ARISTANDCA_BROCADE01363517
show ip nat translations	show ip nat translation	ARISTANDCA_BROCADE00062898
show ip ospf	show ip ospf [ vrf name [ rbridge-id { rbridge-id   all } ] ]	ARISTANDCA_BROCADE01785618
show ip ospf border-routers	show ip ospf border-routers [ A.B.C.D ] [ [ vrf vrfname [ rbridge-id { rbridge-id   all } ] ]   rbridge-id { rbridge-id   all } ]	ARISTANDCA_BROCADE01785618
show ip ospf database database-summary	show ip ospf database database-summary [ [ vrf vrfname [ rbridge-id { rbridge-id   all } ] ]   rbridge-id { rbridge-id   all } ]	ARISTANDCA_BROCADE01785618
show ip ospf interface	show ip ospf interface [ { A.B.C.D   <N> gigabitethernet rbridge-id/slot/port [ brief ]   [ brief ]   loopback number   port-channel number [ brief ]   ve vlan_id [ brief ] } [ brief ] ] [ [ vrf vrfname [ rbridge-id { rbridge-id   all } ] ]   rbridge-id { rbridge-id   all } ]	ARISTANDCA_BROCADE01785618
show ip ospf neighbor	show ip ospf neighbor [ extensive ] [ { <N> gigabitethernet rbridge-id/slot/port   loopback number   port-channel number   router-id A.B.C.D   ve vlan_id } [ [ vrf vrfname [ rbridge-id { rbridge-id   all } ] ]   rbridge-id { rbridge-id   all } ]	ARISTANDCA_BROCADE01785618
show ip pim interface	show ip pim interface { ethernet stackid/slot/port-id   loopback loopback number   ve ve-number }	ARISTANDCA_BROCADE01363517
show ip pim neighbor	show ip pim neighbor [ interface <N> gigabitethernet rbridge-id/slot/port ]	ARISTANDCA_BROCADE01785618
show ip pim rp-hash	show ip pim rp-hash A.B.C.D [ rbridge-id { rbridge-id   all } ]	ARISTANDCA_BROCADE01785618
show ip route	show ip route A.B.C.D [ rbridge-id { rbridge-id   all } ] vrf vrf-name [ [ rbridge-id { rbridge-id   all } show ip route A.B.C.D/M [ longer ] [ rbridge-id { rbridge-id   all }   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ip route all [ rbridge-id { rbridge-id   all }   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ip route bgp [ rbridge-id { rbridge-id   all }   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ip route connected [ rbridge-id { rbridge-id   all }   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ip route detail [ rbridge-id { rbridge-id   all }   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ip route import [ src-vrf-name ] [ rbridge-id { rbridge-id   all }   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ip route nexthop [ nexthopID ] [ref-routes] [ rbridge-id { rbridge-id   all }   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ip route ospf [ rbridge-id { rbridge-id   all }   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ip route rbridge-id { rbridge-id   all }   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ip route slot line_card_number [ rbridge-id { rbridge-id   all }   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ip route static [ rbridge-id { rbridge-id   all }   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ip route summary [ rbridge-id { rbridge-id   all }   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ip route vrf vrf-name [ rbridge-id { rbridge-id   all } ]	ARISTANDCA_BROCADE01785618
show ip route summary	show ip route summary [ rbridge-id { rbridge-id   all }   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ip route vrf vrf-name [ rbridge-id { rbridge-id   all } ]	ARISTANDCA_BROCADE01785618
show ipv6 access-list	show ipv6 access-list [ acl-name ]	ARISTANDCA_BROCADE01363517
show ipv6 bgp	show ipv6 bgp attribute-entries [ rbridge-id { rbridge-id   all }   vrf vrf-name ] show ipv6 bgp dampened-paths [ rbridge-id { rbridge-id   all }   vrf vrf-name ] show ipv6 bgp filtered-routes ipv6-addr mask [ longer-prefixes [ rbridge-id { rbridge-id   all } ]   rbridge-id { rbridge-id   all }   vrf vrf-name ] show ipv6 bgp flap-statistics ipv6-addr mask [ longer-prefixes [ rbridge-id { rbridge-id   all } ]   rbridge-id { rbridge-id   all }   vrf vrf-name ] show ipv6 bgp neighbors ipv6-addr show ipv6 bgp peer-group [ peer-group-name [ rbridge-id { rbridge-id   all } ] ] show ipv6 bgp rbridge-id { rbridge-id   all }   vrf vrf-name ] .....	ARISTANDCA_BROCADE01785618
show ipv6 bgp summary	show ipv6 bgp summary [ rbridge-id { rbridge-id   all }   vrf vrf-name ]	ARISTANDCA_BROCADE01785618
show ipv6 interface	show ipv6 interface [ brief [ rbridge-id { all   rbridge-id } ]   { <N> gigabitethernet rbridge-id/slot/port   ve vlan_id [ rbridge-id { all   rbridge-id } ] }	ARISTANDCA_BROCADE01785618
show ipv6 ospf interface	show ipv6 ospf interface [ all-vrfs ] [ brief ] [ <N> gigabitethernet mappedID/slot/port ] [ loopback number ] [ rbridge-id rbridge-id ] [ ve vlan_id ] [ vrf vrfname ]	ARISTANDCA_BROCADE01785618
show ipv6 ospf neighbor	show ipv6 ospf neighbor [ all-vrfs ] [ detail ] [ interface { <N> gigabitethernet rbridge-id/slot/port   loopback number   ve vlan_id } ] [ rbridge-id rbridge-id ] [ router-id A.B.C.D ] [ vrf vrfname ]	ARISTANDCA_BROCADE01785618

show ipv6 route	show ipv6 route [ ipv6address/prefix ] [ longer ] [ rbridge-id { all   rbridge-id } ] [ vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ipv6 route all [ rbridge-id { all   rbridge-id } ] [ vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ipv6 route bgp [ rbridge-id { all   rbridge-id } ] [ vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ipv6 route connected [ rbridge-id { all   rbridge-id } ] [ vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ipv6 route detail [ rbridge-id { rbridge-id   all } ] [ vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ipv6 route import [ src-vrf-name ] [ rbridge-id { all   rbridge-id } ] [ vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ipv6 route nexthop [ decimal   ref-routes [ rbridge-id { all   rbridge-id } ] [ vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ipv6 route ospf [ rbridge-id { all   rbridge-id } ] [ vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ipv6 route rbridge-id { all   rbridge-id } [ rbridge-id { rbridge-id   all } show ipv6 route slot slot [ ipv6address   ipv6prefix   vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ipv6 route static [ rbridge-id { all   rbridge-id } ] [ vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ipv6 route summary [ rbridge-id { all   rbridge-id } ] [ vrf vrf-name ] [ rbridge-id { rbridge-id   all } show ipv6 route system-summary [ rbridge-id { all   rbridge-id } ] show ipv6 route vrf vrf-name [ rbridge-id { all   rbridge-id } ]	ARISTANDCA_BROCADE01785618
show ipv6 route summary	show ipv6 route summary [ rbridge-id { all   rbridge-id } ] [ vrf vrf-name ] [ rbridge-id { rbridge-id   all }	ARISTANDCA_BROCADE01785618
show isis database	show isis [ config   counts   database [ detail   level1   level2   summary ]   hostname   interface [ brief   ethernet   loopback   pos   ipv6   tunnel   ve ]   neighbor [ detail ]   routes ip-addr   shortcut [ detail   lsp ]   spf-log [ detail   level1   level2   traffic ]	ARISTANDCA_BROCADE1530651
show isis interface	show isis [ config   counts   database [ detail   level1   level2   summary ]   hostname   interface [ brief   ethernet   loopback   pos   ipv6   tunnel   ve ]   neighbor [ detail ]   routes ip-addr   shortcut [ detail   lsp ]   spf-log [ detail   level1   level2   traffic ]	ARISTANDCA_BROCADE1530651
show lacp counters	show lacp [ counters [ port-channel ]   sys-id [ port-channel ]	ARISTANDCA_BROCADE01785618
show lldp	show lldp	ARISTANDCA_BROCADE01363517
show lldp neighbors	show lldp neighbors [ detail ports { all   ethernet stack-id/slot/port [ to stack-id/slot/port   [ ethernet stack-id/slot/port to stack-id/slot/port   ethernet stack-id/slot/port 1 ... 1 ] ]	ARISTANDCA_BROCADE01363517
show mac-address-table	show mac-address-table [ address mac-addr   aging-time [ conversational [ rbridge-id   rbridge-id ] ]   count [ addressMAC_address   conversational linecard linecard_number [ address [ MAC_address   rbridge-id rbridge-id ] ]   interface {<N> gigabitethernet rbridge-id/slot/port   vlanvlan_id }   dynamic [ address MAC_address   interface {<N> gigabitethernet rbridge-id/slot/port   port-channel number   tunnel number   vlan vlan_id }   interface {<N> gigabitethernet rbridge-id/slot/port   port-channel number   tunnel number   vlan vlan_id }   static [ address MAC_address   interface {<N> gigabitethernet rbridge-id/slot/port   port-channel number   tunnel number   vlan vlan_id }   vlan vlan_id   dynamic   interface   learning-mode [ rbridge-id [ rbridge-id ] ]   linecard interface   port-profile [ addressMAC_address   count   dynamic   vlanvlan_id ]   static   vlanvlan_id ]	ARISTANDCA_BROCADE01785618
show mac-address-table aging time	show mac-address-table [ address mac-addr   aging-time [ conversational [ rbridge-id   rbridge-id ] ]   count [ addressMAC_address   conversational linecard linecard_number [ address [ MAC_address   rbridge-id rbridge-id ] ]   interface {<N> gigabitethernet rbridge-id/slot/port   vlanvlan_id }   dynamic [ address MAC_address   interface {<N> gigabitethernet rbridge-id/slot/port   port-channel number   tunnel number   vlan vlan_id }   interface {<N> gigabitethernet rbridge-id/slot/port   port-channel number   tunnel number   vlan vlan_id }   static [ address MAC_address   interface {<N> gigabitethernet rbridge-id/slot/port   port-channel number   tunnel number   vlan vlan_id }   vlan vlan_id   dynamic   interface   learning-mode [ rbridge-id [ rbridge-id ] ]   linecard interface   port-profile [ addressMAC_address   count   dynamic   vlanvlan_id ]   static   vlanvlan_id ]	ARISTANDCA_BROCADE01785618
show mac-address-table count	show mac-address-table [ address mac-addr   aging-time [ conversational [ rbridge-id   rbridge-id ] ]   count [ addressMAC_address   conversational linecard linecard_number [ address [ MAC_address   rbridge-id rbridge-id ] ]   interface {<N> gigabitethernet rbridge-id/slot/port   vlanvlan_id }   dynamic [ address MAC_address   interface {<N> gigabitethernet rbridge-id/slot/port   port-channel number   tunnel number   vlan vlan_id }   interface {<N> gigabitethernet rbridge-id/slot/port   port-channel number   tunnel number   vlan vlan_id }   static [ address MAC_address   interface {<N> gigabitethernet rbridge-id/slot/port   port-channel number   tunnel number   vlan vlan_id }   vlan vlan_id   dynamic   interface   learning-mode [ rbridge-id [ rbridge-id ] ]   linecard interface   port-profile [ addressMAC_address   count   dynamic   vlanvlan_id ]   static   vlanvlan_id ]	ARISTANDCA_BROCADE01785618
show monitor session	show monitor [ session session_number ]	ARISTANDCA_BROCADE01785618
show ntp status	show ntp status [ rbridge-id { rbridge-id   all } ]	ARISTANDCA_BROCADE01785618
show port-channel summary	show port-channel [ channel-group-number   detail   load-balance   summary ]	ARISTANDCA_BROCADE01785618
show port-security	show port-security	ARISTANDCA_BROCADE01785618
show port-security interface	show port-security interface [ all   port-channel channel-group-number   <N> gigabitethernet rbridge-id/slot/port ]	ARISTANDCA_BROCADE01785618
show qos maps	show qos maps [ cos-mutation [ name ]   cos-traffic-class [ name ] ]	ARISTANDCA_BROCADE01785618
show reload	show reload	ARISTANDCA_BROCADE00062898
show route-map	show route-map [ name ] [ rbridge-id { rbridge-id   all } ]	ARISTANDCA_BROCADE01785618
show snmp group	show snmp [ engineid   group   server   user ]	ARISTANDCA_BROCADE01363517
show snmp user	show snmp [ engineid   group   server   user ]	ARISTANDCA_BROCADE01363517

show spanning-tree	show spanning-tree [ pvst   mst-config   vlan <i>vlan_id</i> ]	ARISTANDCA_BROCADE01785618
show spanning-tree interface	show spanning-tree interface [ port-channel <i>number</i>   <N> gigabitethernet <i>rbridge-id/slot/port</i> ]	ARISTANDCA_BROCADE01785618
show spanning-tree mst interface	show spanning-tree mst instance <i>instance_id</i> [ interface port-channel <i>number</i>   interface <N> gigabitethernet <i>rbridge-id/slot/port</i> ]	ARISTANDCA_BROCADE01785618
show storm-control	show storm-control show storm-control broadcast [ interface { <N> gigabitethernet } <i>rbridge-id/slot/port</i> ] show storm-control multicast [ interface { <N> gigabitethernet } <i>rbridge-id/slot/port</i> ] show storm-control unknown-unicast [ interface { <N> gigabitethernet } <i>rbridge-id/slot/port</i> ]	ARISTANDCA_BROCADE01785618
show users	show users [ <i>rbridge-id</i> { <i>rbridge-id</i>   all } ]	ARISTANDCA_BROCADE01785618
show version	show version [ <i>rbridge-id</i> { <i>rbridge-id</i>   all } ] [ all-partitions ] [ brief ]	ARISTANDCA_BROCADE01785618
show vlan	show vlan [ <i>vlan_id</i> ] [ brief   provisioned   unprovisioned ] [ classifier ]	ARISTANDCA_BROCADE01785618
show vlan private-vlan	show vlan private-vlan	ARISTANDCA_BROCADE01785618
show vrf	show vrf [ <i>vrf-name</i>   detail   interface ] [ <i>rbridge-id</i> { <i>rbridge-id</i>   all } ]	ARISTANDCA_BROCADE01785618
show vrrp	show vrrp show vrrp VRID [ detail   summary ] [ <i>rbridge-id</i> { <i>rbridge-id</i>   all } ] show vrrp detail [ <i>rbridge-id</i> { <i>rbridge-id</i>   all } ] show vrrp summary [ vrf { <i>vrf-name</i>   all }   <i>rbridge-id</i> { <i>rbridge-id</i>   all } ] show vrrp summary vrf default-vrf show vrrp interface { <N> gigabitethernet [ <i>rbridge-id</i> / ] slot/port [ detail   summary ]   ve <i>vlan_id</i> [ detail   summary   <i>rbridge-id</i> ] } show vrrp <i>rbridge-id</i> { <i>rbridge-id</i>   all }	ARISTANDCA_BROCADE01785618
snmp-server community	snmp-server community <i>string</i> [ groupname <i>group-name</i> ] [ ipv4-acl <i>standard-ipv4-acl-name</i> ] [ ipv6-acl <i>standard-ipv6-acl-name</i> ]	ARISTANDCA_BROCADE01785618
snmp-server contact	snmp-server contact <i>string</i>	ARISTANDCA_BROCADE01785618
snmp-server enable traps	snmp-server enable trap	ARISTANDCA_BROCADE01785618
snmp-server engineID local	snmp-server engineid local <i>engine_id</i>	ARISTANDCA_BROCADE01785618
snmp-server group	snmp-server group <i>groupname</i> { v1   v2c   v3 { auth   noauth   priv } } [ read <i>viewname</i> ] [ write <i>viewname</i> ] [ notify <i>viewname</i> ]	ARISTANDCA_BROCADE01785618
snmp-server host	snmp-server host { ipv4_host   ipv6_host   dns_host } <i>community_string</i> [ version { 1   2c } ] [ udp-port <i>port</i> ] [ severity-level   { none   debug   info   warning   error   critical } ] [ source-interface { loopbacknumber   ve <i>vlan_id</i> } ] [ use-vrf { <i>mgmt-vrf</i>   default-vrf } ]	ARISTANDCA_BROCADE01785618
snmp-server location	snmp-server location <i>string</i>	ARISTANDCA_BROCADE01785618
snmp-server user	snmp-server user <i>username</i> [ groupname <i>group-name</i> ] [ auth { md5   sha   noauth } ] [ auth-password <i>string</i> [ encrypted ] ] [ priv { DES   AES128   nopriv } ] [ priv-password <i>string</i> [ encrypted ] ] [ ipv4-acl <i>standard-ipv4-acl-name</i> ] [ ipv6-acl <i>standard-ipv6-acl-name</i> ]	ARISTANDCA_BROCADE01785618
snmp-server view	snmp-server view <i>view-name</i> <i>mib_tree</i> { included   excluded }	ARISTANDCA_BROCADE01785618
spanning-tree cost	spanning-tree cost <i>cost</i>	ARISTANDCA_BROCADE01785618
spanning-tree link-type	spanning-tree link-type [ point-to-point   shared ]	ARISTANDCA_BROCADE01785618
spanning-tree vlan	spanning-tree vlan <i>vlan_id</i>	ARISTANDCA_BROCADE01785618
spf-interval	[no] spf-interval <secs>	ARISTANDCA_BROCADE00062898
switchport access vlan	switchport access { vlan <i>vlan_id</i>   rspan-vlan <i>vlan_id</i>   mac <i>HHHH.HHHH.HHHH</i>   mac-group <i>mac-group-id</i> }	ARISTANDCA_BROCADE01785618
switchport mode	switchport mode { access   trunk }	ARISTANDCA_BROCADE01785618
switchport port-security	switchport port-security mac-address <i>address</i> vlan <i>vlan_id</i> switchport port-security max switchport port-security oui switchport port-security shutdown-time switchport port-security sticky switchport port-security violation	ARISTANDCA_BROCADE01785618
switchport private-vlan mapping	switchport private-vlan mapping <i>primary_vlan_id</i> [ add   remove ] <i>secondary_vlan</i>	ARISTANDCA_BROCADE01785618
switchport trunk allowed vlan	switchport trunk allowed { vlan   rspan-vlan } { add <i>vlan_id</i> { ctag { <i>id</i>   ctag - range }   all   except <i>vlan_id</i>   none   remove <i>vlan_id</i> } }	ARISTANDCA_BROCADE01785618
switchport trunk native vlan	switchport trunk native-vlan <i>vlan_id</i> [ ctag <i>id</i> ]	ARISTANDCA_BROCADE01785618
tacacs-server host	tacacs-server { host <i>hostname</i>   source-ip [ <i>chassis-ip</i>   <i>mm-ip</i> ] } { port <i>portnum</i> } [ protocol { chap   pap } ] [ key shared_secret ] [ encryption-level value_level ] [ timeout secs ] [ retries num ]	ARISTANDCA_BROCADE01785618
tacacs-server key	tacacs-server { host <i>hostname</i>   source-ip [ <i>chassis-ip</i>   <i>mm-ip</i> ] } { port <i>portnum</i> } [ protocol { chap   pap } ] [ key shared_secret ] [ encryption-level value_level ] [ timeout secs ] [ retries num ]	ARISTANDCA_BROCADE01785618
tacacs-server timeout	tacacs-server { host <i>hostname</i>   source-ip [ <i>chassis-ip</i>   <i>mm-ip</i> ] } { port <i>portnum</i> } [ protocol { chap   pap } ] [ key shared_secret ] [ encryption-level value_level ] [ timeout secs ] [ retries num ]	ARISTANDCA_BROCADE01785618
terminal length	terminal [ length <i>number_of_lines</i> ] [ monitor ] [ timeout <i>value</i> ]	ARISTANDCA_BROCADE01785618
terminal monitor	terminal [ length <i>number_of_lines</i> ] [ monitor ] [ timeout <i>value</i> ]	ARISTANDCA_BROCADE01785618
timers basic (RIP)	[no] timers-basic <update-timer> <aging-timeout-interval> <garbage-collection-timer>	ARISTANDCA_BROCADE01363517
timers throttle spf	timers { isa-group-pacing <i>interval</i>   throttle spf <i>start hold max</i> }	ARISTANDCA_BROCADE00062898
		ARISTANDCA_BROCADE01785618

Total of 243 command abstractions listed above.

Disputed Cisco Command	Dell Command Syntax	Dell Manual Bates Number
aaa accounting	aaa accounting {exec   commands   dot1x} {default   list_name} {startstop   stop-only   none} [method1 [method2...]] {radius tacacs radius   tacacs tacacs radius}	DELL-ANETSUB00131695
aaa accounting dot1x	aaa accounting {exec   commands   dot1x} {default   list_name} {start- stop   stop-only   none} [method1 [method2...]] {radius tacacs radius tacacs tacacs radius}	DELL-ANETSUB00131695
aaa authentication login	aaa authentication login {default   list-name} method1 [method2...]	DELL-ANETSUB00131695
aaa authorization config-commands	aaa authorization {commands   exec   network} {default   list-name} method1 [method2]	DELL-ANETSUB00131695
address-family	address-family { ipv4   ipv6 }	DELL-ANETSUB00131695
aggregate-address	aggregate-address { ipv4-prefix mask   ipv6-prefix/prefix-length } [as-set] [summary only]	DELL-ANETSUB00131695
area default-cost	area <i>areaid</i> default-cost 1-16777215	DELL-ANETSUB00026077
area default-cost (OSPFv3)	area area-id default-cost cost	DELL-ANETSUB00131695
area nssa	area area-id nssa [no-redistribution] [default-information-originate [metric metric-value] [metric-type metric-type-value]] [no-summary] [translator- role role] [translator-stab-intv interval]	DELL-ANETSUB00131695
area nssa (OSPFv3)	area area-id nssa [no-redistribution] [default-information-originate [metric metric-value] [metric-type metric-type-value]] [no-summary] [translator- role role] [translator-stab-intv interval]	DELL-ANETSUB00131695
area nssa default-information-originate	area area-id nssa [no-redistribution] [default-information-originate [metric metric-value] [metric-type metric-type-value]] [no-summary] [translator- role role] [translator-stab-intv interval]	DELL-ANETSUB00131695
area nssa default-information-originate (OSPFv3)	area area-id nssa [no-redistribution] [default-information-originate [metric metric-value] [metric-type metric-type-value]] [no-summary] [translator- role role] [translator-stab-intv interval]	DELL-ANETSUB00131695
area nssa no-summary	area area-id nssa [no-redistribution] [default-information-originate [metric metric-value] [metric-type metric-type-value]] [no-summary] [translator- role role] [translator-stab-intv interval]	DELL-ANETSUB00131695
area range	area area-id range prefix netmask {summarylink   nssaexternallink} [advertise   not-advertise][cost cost]	DELL-ANETSUB00131695
area range (OSPFv3)	area area-id range prefix netmask {summarylink   nssaexternallink} [advertise   not-advertise][cost cost]	DELL-ANETSUB00131695
area stub	area area-id stub	DELL-ANETSUB00131695
area stub (OSPFv3)	area area-id stub	DELL-ANETSUB00131695
arp timeout	arp timeout integer	DELL-ANETSUB00131695
banner login	banner login Message	DELL-ANETSUB00131695
banner motd	banner motd MESSAGE	DELL-ANETSUB00131695
bgp client-to-client reflection	bgp client-to-client reflection	DELL-ANETSUB00131695
bgp cluster-id	bgp cluster-id cluster-id	DELL-ANETSUB00131695
bgp confederation identifier	bgp confederation identifier <i>as-number</i>	DELL-ANETSUB00019535
bgp confederation peers	bgp confederation peers <i>as-number</i> [... <i>as-number</i> ]	DELL-ANETSUB00019535
bgp log-neighbor-changes	bgp log-neighbor-changes	DELL-ANETSUB00131695
boot system	boot system [unit-id][active   backup]	DELL-ANETSUB00131695
channel-group	channel-group port-channel-number mode {on   active}	DELL-ANETSUB00131695
clear arp-cache	clear arp-cache [vrf vrf-name] [gateway]	DELL-ANETSUB00131695
clear counters	clear counters [vrf vrf-name   stack-ports   switchport   interface-id]	DELL-ANETSUB00131695
clear ip bgp	clear ip bgp [*   as-number   ipv4-address   ipv6-address [ interface interface-id ] ] [soft {in   out}]	DELL-ANETSUB00131695
clear ipv6 neighbors	clear ipv6 neighbors [vlan vlan-id]	DELL-ANETSUB00131695
clear lldp counters	clear lldp counters <i>interface</i>	DELL-ANETSUB00019535
clear lldp table	clear lldp table [interface-id]	DELL-ANETSUB00114148
clock set	clock set <i>time month day year</i>	DELL-ANETSUB00019535
clock timezone	clock timezone <i>timezone-name offset</i>	DELL-ANETSUB00019535
default-information originate (OSPF)	default-information originate [always] [metric <i>metric-value</i> ] [metric-type <i>type-value</i> ]	DELL-ANETSUB00019535
default-information originate (OSPFv3)	default-information originate [ always ]	DELL-ANETSUB00131695
default-metric (OSPF)	default-metric <i>number</i>	DELL-ANETSUB00019535
default-metric (OSPFv3)	default-metric metric-value	DELL-ANETSUB00131695
distance bgp	distance bgp <i>external-distance internal-distance local-distance</i>	DELL-ANETSUB00019535
dot1x port-control	dot1x port-control {force-authorized   auto   force-unauthorized}	DELL-ANETSUB00019535
dot1x reauthentication	dot1x reauthentication [interval <i>seconds</i> ]	DELL-ANETSUB00019535
dot1x system-auth-control	dot1x system-auth-control	DELL-ANETSUB00131695
dot1x timeout quiet-period	dot1x timeout quiet-period seconds	DELL-ANETSUB00131695
dot1x timeout reauth-period	dot1x timeout re-authperiod seconds	DELL-ANETSUB00131695
dot1x timeout tx-period	dot1x timeout tx-period seconds	DELL-ANETSUB00131695
interface loopback	interface loopback <i>number</i>	DELL-ANETSUB00019535
interface port-channel	interface port-channel <i>channel-number</i>	DELL-ANETSUB00019535
interface vlan	interface vlan <i>vlan-id</i>	DELL-ANETSUB00019535
ip access-group	ip access-group <i>access-list-name</i> {in   out} [implicit-permit] [vlan <i>vlan-id</i> ]	DELL-ANETSUB00019535
ip access-list	ip access-list standard <i>access-list-name</i> // <i>ip access-list extended access-list-name</i>	DELL-ANETSUB00019535
ip address	ip address <i>ip-address mask</i> [secondary]	DELL-ANETSUB00019535
ip as-path access-list	ip as-path access-list <i>as-path-name</i>	DELL-ANETSUB00019535
ip dhcp snooping	[no] ip dhcp snooping	DELL-ANETSUB00019535
ip dhcp snooping vlan	[no] ip dhcp snooping vlan <i>name</i>	DELL-ANETSUB00019535
ip domain lookup	ip domain-lookup	DELL-ANETSUB00131695
ip domain-name	ip domain-name <i>name</i>	DELL-ANETSUB00019535



ip helper-address	ip helper-address <i>ip-address</i>   <i>default-vrf</i>	DELL-ANETSUB00019535
ip host	ip host <i>name ip-address</i>	DELL-ANETSUB00019535
ip igmp last-member-query-count	ip igmp last-member-query-count <i>Imqc</i>	DELL-ANETSUB000131695
ip igmp last-member-query-interval	ip igmp last-member-query-interval <i>milliseconds</i>	DELL-ANETSUB00019535
ip igmp query-interval	ip igmp query-interval <i>seconds</i>	DELL-ANETSUB00019535
ip igmp query-max-response-time	ip igmp query-max-response-time <i>seconds</i>	DELL-ANETSUB000131695
ip igmp snooping	ip igmp snooping enable	DELL-ANETSUB00019535
ip igmp snooping querier	ip igmp snooping querier	DELL-ANETSUB00019535
ip igmp snooping vlan	ip igmp snooping vlan <i>vlan-id</i> mrouter interface <i>interface-id</i> // ip igmp snooping vlan <i>vlan-id</i> last-member-query-interval <i>time</i> // ip igmp snooping vlan <i>vlan-id</i> mcrtpiretime <i>time</i> // ip igmp snooping vlan <i>vlan-id</i> groupmembership-interval <i>time</i>	DELL-ANETSUB000131695
ip igmp snooping vlan immediate-leave	ip igmp snooping vlan <i>vlan-id</i> immediate-leave	DELL-ANETSUB000131695
ip igmp startup-query-count	ip igmp startup-query-count <i>count</i>	DELL-ANETSUB000131695
ip igmp startup-query-interval	ip igmp startup-query-interval <i>seconds</i>	DELL-ANETSUB000131695
ip igmp version	ip igmp version { 2   3 }	DELL-ANETSUB00019535
ip msdp default-peer	ip msdp default-peer <i>peer address</i> [ <i>list name</i> ]	DELL-ANETSUB00019535
ip msdp mesh-group	ip msdp mesh-group { <i>name</i> } { <i>peer address</i> }	DELL-ANETSUB00019535
ip msdp originator-id	ip msdp originator-id { <i>interface</i> }	DELL-ANETSUB00019535
ip msdp peer	ip msdp peer <i>peer address</i> [connect-source] [description] [sa-limit <i>number</i> ]	DELL-ANETSUB00019535
ip msdp sa-filter in	ip msdp sa-filter {in   out} <i>peer-address</i> list [ <i>access-list name</i> ]	DELL-ANETSUB00019535
ip msdp sa-filter out	ip msdp sa-filter {in   out} <i>peer-address</i> list [ <i>access-list name</i> ]	DELL-ANETSUB00019535
ip msdp sa-limit	ip msdp sa-limit <i>number</i>	DELL-ANETSUB00019535
ip msdp shutdown	ip msdp shutdown { <i>peer address</i> }	DELL-ANETSUB00019535
ip name-server	ip name-server <i>ipv4-address</i> [ <i>ipv4-address2 ...ipv4-address6</i> ]	DELL-ANETSUB00019535
ip ospf authentication	ip ospf authentication {none   {simple key}   {encrypt key <i>key-id</i> }}	DELL-ANETSUB000131695
ip ospf authentication-key	ip ospf authentication-key { <i>encryption-type</i> } <i>key</i>	DELL-ANETSUB00019535
ip ospf cost	ip ospf cost <i>cost</i>	DELL-ANETSUB00019535
ip ospf dead-interval	ip ospf dead-interval <i>seconds</i>	DELL-ANETSUB00019535
ip ospf hello-interval	ip ospf hello-interval <i>seconds</i>	DELL-ANETSUB00019535
ip ospf network	ip ospf network {broadcast   point-to-point}	DELL-ANETSUB00019535
ip ospf priority	ip ospf priority <i>number</i>	DELL-ANETSUB00019535
ip ospf retransmit-interval	ip ospf retransmit-interval <i>seconds</i>	DELL-ANETSUB00019535
ip ospf transmit-delay	ip ospf transmit-delay <i>seconds</i>	DELL-ANETSUB00019535
ip pim dr-priority	ip pim dr-priority <i>priority-value</i>	DELL-ANETSUB00019535
ip prefix-list	ip prefix-list <i>prefix-name</i>	DELL-ANETSUB00019535
ip proxy-arp	ip proxy-arp	DELL-ANETSUB00019535
ip radius source-interface	ip radius source-interface <i>interface</i>	DELL-ANETSUB00019535
ip route	ip route <i>vrf</i> { <i>vrf instance</i> } <i>destination mask</i> { <i>ip-address</i>   <i>interface</i> { <i>ip-address</i> }} [ <i>distance</i> ] [ <i>permanent</i> ] [ <i>tag tag-value</i> ]	DELL-ANETSUB00019535
ip routing	ip routing	DELL-ANETSUB000131695
ipv6 access-list	ipv6 access-list <i>access-list-name</i>	DELL-ANETSUB00019535
ipv6 address	ipv6 address { <i>ipv6-address prefix-length</i> }	DELL-ANETSUB00019535
ipv6 host	ipv6 host <i>name ip-address</i>	DELL-ANETSUB00019535
ipv6 nd prefix	ipv6 nd prefix { <i>ipv6-address /prefix-length</i> >   default} [no-advertise]   [no- autoconfig] [no-rtr-address] [off-link] [lifetime { <i>valid</i>   infinite}] { <i>preferred</i>   infinite}	DELL-ANETSUB00019535
ipv6 neighbor	ipv6 neighbor { <i>ipv6-address</i> } { <i>interface interface</i> } { <i>hardware_address</i> }	DELL-ANETSUB00019535
ipv6 ospf area	ipv6 ospf <i>process-id</i> area <i>area-id</i>	DELL-ANETSUB00019535
ipv6 ospf cost	ipv6 ospf cost <i>interface-cost</i>	DELL-ANETSUB00019535
ipv6 ospf dead-interval	ipv6 ospf dead-interval <i>seconds</i>	DELL-ANETSUB00019535
ipv6 ospf hello-interval	ipv6 ospf hello-interval <i>seconds</i>	DELL-ANETSUB00019535
ipv6 ospf priority	ipv6 ospf priority <i>number</i>	DELL-ANETSUB00019535
ipv6 prefix-list	ipv6 prefix-list list-name { [seq seq-number] {permit deny} ipv6- prefix/prefix- length [ge ge-value] [le le-value]   description text   renumber renumber-interval first-statement-number }	DELL-ANETSUB000131695
ipv6 route	ipv6 route <i>ipv6-address prefix-length</i> { <i>interface</i>   <i>ipv6-address</i> } [ <i>distance</i> ] [ <i>tag</i> <i>value</i> ] [ <i>permanent</i> ]	DELL-ANETSUB00019535
ipv6 router ospf	ipv6 router ospf <i>process-id</i>	DELL-ANETSUB00019535
ipv6 unicast-routing	ipv6 unicast-routing	DELL-ANETSUB00019535
isis hello-multiplier	isis hello-multiplier <i>multiplier</i> [level-1   level-2]	DELL-ANETSUB00019535
isis metric	isis metric <i>default-metric</i> [level-1   level-2]	DELL-ANETSUB00019535
isis priority	isis priority <i>value</i> [level-1   level-2]	DELL-ANETSUB00019535
is-type	is-type [level-1   level-1-2   level-2-only]	DELL-ANETSUB00019535
lacp port-priority	lacp port-priority <i>priority-value</i>	DELL-ANETSUB00019535
lacp system-priority	lacp system-priority <i>priority-value</i>	DELL-ANETSUB00019535
lldp receive	lldp receive	DELL-ANETSUB000131695
lldp reinit	lldp reinit-delay <i>seconds</i>	DELL-ANETSUB000122372
lldp run	lldp run no lldp run	DELL-ANETSUB000114148
lldp timer	lldp timers [interval <i>transmit-interval</i> ] [hold <i>hold-multiplier</i> ] [reinit <i>reinit- delay</i> ]	DELL-ANETSUB000131695
lldp transmit	lldp transmit	DELL-ANETSUB000131695
log-adjacency-changes	log-adjacency-changes	DELL-ANETSUB00019535
log-adjacency-changes (IS-IS)	log-adjacency-changes	DELL-ANETSUB00019535
log-adjacency-changes (OSPFv3)	log-adjacency-changes	DELL-ANETSUB00019535

logging host	logging host host_ip_address	DELL-ANETSUB00095249
mac access-group	mac access-group access-list-name {in [vlan vlan-range]   out}	DELL-ANETSUB00019535
mac access-list	mac access-list standard mac-list-name // mac access-list extended access-list-name	DELL-ANETSUB00019535
mac-address	mac-address mac-address	DELL-ANETSUB00026077
mac-address-table aging-time	mac-address-table aging-time seconds	DELL-ANETSUB00019535
mac-address-table static	mac-address-table static mac-address output interface vlan vlan-id	DELL-ANETSUB00019535
maximum-paths	maximum-paths {ebgp   ibgp} number // maximum-paths number	DELL-ANETSUB00019535
maximum-paths (OSPFv3)	maximum-paths number	DELL-ANETSUB00019535
neighbor activate	neighbor {ip-address   peer-group-name} activate	DELL-ANETSUB00019535
neighbor allowas-in	neighbor {ip-address   peer-group-name} allowas-in number	DELL-ANETSUB00019535
neighbor default-originate	neighbor {ip-address   peer-group-name} default-originate [route-map map-name]	DELL-ANETSUB00019535
neighbor description	neighbor {ip-address   peer-group-name} description text	DELL-ANETSUB00019535
neighbor ebgp-multihop	neighbor {ipv6-address   peer-group-name} ebgp-multihop [ttl]	DELL-ANETSUB00019535
neighbor local-as	neighbor {ip-address   peer-group-name} local-as as-number [no-prepend]	DELL-ANETSUB00019535
neighbor next-hop-self	neighbor {ip-address   peer-group-name} next-hop-self	DELL-ANETSUB00019535
neighbor password	neighbor {ip-address   peer-group-name} password [encryption-type] password	DELL-ANETSUB00019535
neighbor peer-group (assigning members)	neighbor ip-address peer-group peer-group-name	DELL-ANETSUB00019535
neighbor peer-group (creating)	neighbor peer-group-name peer-group	DELL-ANETSUB00019535
neighbor remote-as	neighbor {ip-address   peer-group-name} remote-as number	DELL-ANETSUB00019535
neighbor remove-private-as	neighbor {ip-address   peer-group-name} remove-private-as	DELL-ANETSUB00019535
neighbor route-map	neighbor {ip-address   peer-group-name} route-map map-name {in   out}	DELL-ANETSUB00019535
neighbor route-reflector-client	neighbor {ip-address   peer-group-name} route-reflector-client	DELL-ANETSUB00019535
neighbor shutdown	neighbor {ip-address   peer-group-name} shutdown	DELL-ANETSUB00019535
neighbor timers	neighbor {ip-address   peer-group-name} timers keepalive holdtime	DELL-ANETSUB00019535
neighbor update-source	neighbor {ip-address   peer-group-name} update-source interface	DELL-ANETSUB00019535
neighbor weight	neighbor {ip-address   peer-group-name} weight weight	DELL-ANETSUB00019535
passive-interface	passive-interface interface	DELL-ANETSUB00019535
passive-interface (OSPFv3)	passive-interface {default   interface}	DELL-ANETSUB00019535
port-channel load-balance	port-channel load-balance {layer-2   layer-2-3   layer-2-3-4}	DELL-ANETSUB00122372
private-vlan	[no] private-vlan mode {community   isolated   primary}	DELL-ANETSUB00019535
radius-server deadtime	radius-server deadtime deadtime	DELL-ANETSUB00131695
radius-server host	radius-server host {hostname   ipv4-address   ipv6-address} [auth-port port-number] [retransmit retries] [timeout seconds] [key {encryption-type} key]	DELL-ANETSUB00019535
radius-server key	radius-server key [encryption-type] key	DELL-ANETSUB00019535
radius-server retransmit	radius-server retransmit retries	DELL-ANETSUB00019535
radius-server timeout	radius-server timeout seconds	DELL-ANETSUB00019535
route-map	route-map map-name	DELL-ANETSUB00019535
router bgp	router bgp as-number	DELL-ANETSUB00019535
router isis	ip router isis [tag] // ipv6 router isis [tag]	DELL-ANETSUB00019535
router ospf	router ospf process-id [vrf {vrf name}]	DELL-ANETSUB00019535
router rip	router rip	DELL-ANETSUB00019535
router-id	router-id ip-address	DELL-ANETSUB00019535
router-id (OSPFv3)	router-id ip-address	DELL-ANETSUB00019535
set-overload-bit	set-overload-bit	DELL-ANETSUB00019535
show arp	show arp [vrf {vrf name}] [interface interface   ip ip-address [mask]   macaddress mac-address [mac-address mask]] [cpu {cp   rp1   rp2}] [static   dynamic] [summary]	DELL-ANETSUB00019535
show bfd neighbors	show bfd neighbors interface [detail]	DELL-ANETSUB00019535
show clock	show clock [detail]	DELL-ANETSUB00019535
show dot1q-tunnel	show dot1q-tunnel [interface interface-id]	DELL-ANETSUB00131695
show dot1x	show dot1x [interface interface-id [statistics]]	DELL-ANETSUB00131695
show dot1x statistics	show dot1x [interface interface-id [statistics]]	DELL-ANETSUB00131695
show environment all	show environment [all   fan   linecard   linecard-voltage   PEM   RPM   SFM]	DELL-ANETSUB00019535
show flowcontrol **	show flowcontrol	DELL-ANETSUB00114148
show hosts	show hosts	DELL-ANETSUB00019535
show interfaces	show interfaces interface	DELL-ANETSUB00019535
show interfaces description	show interfaces [interface] description	DELL-ANETSUB00019535
show interfaces status	show interfaces [interface   linecard slot-number] status	DELL-ANETSUB00019535
show interfaces switchport	show interfaces switchport [interface [linecard slot-number]   stack-unit unit-id]	DELL-ANETSUB00019535
show interfaces switchport backup	show interfaces [gigabitethernet   tengigabitethernet] slot/port transceiver Enter the keyword backup to view the backup interface for this interface.	DELL-ANETSUB00019535
show interfaces transceiver	show interfaces [gigabitethernet   tengigabitethernet] slot/port transceiver	DELL-ANETSUB00019535
show inventory	show inventory [media slot]	DELL-ANETSUB00019535
show ip access-lists	show ip access-lists [access-list-name] [interface interface] [in   out]	DELL-ANETSUB00019535
show ip bgp	show ip bgp [ipv4 unicast] [network [network-mask] [longer-prefixes]]	DELL-ANETSUB00019535
show ip bgp community	show ip bgp [ipv4 unicast] community [community-number] [local-as] [no-export] [no-advertise]	DELL-ANETSUB00019535
show ip bgp neighbors	show ip bgp [ipv4 unicast] neighbors [ipv4-neighbor-addr   ipv6-neighbor-addr] [advertised-routes   dampened-routes   detail   flap-statistics   routes   {received-routes [network [network-mask]]   {denied-routes [network [network-mask]]}}]	DELL-ANETSUB00019535

show ip bgp paths	show ip bgp paths [regex regular-expression]	DELL-ANETSUB00019535
show ip bgp peer-group	show ip bgp [ipv4 unicast] peer-group [peer-group-name] [detail   summary]	DELL-ANETSUB00019535
show ip bgp regexp	show ip bgp regexp regular-expression [character]	DELL-ANETSUB00019535
show ip bgp summary	show ip bgp [ipv4 unicast] summary	DELL-ANETSUB00019535
show ip dhcp snooping	show ip dhcp snooping [binding   source-address-validation]	DELL-ANETSUB00019535
show ip helper-address	show ip helper-address [vrf vrf-name] [intf-address]	DELL-ANETSUB00131695
show ip igmp groups	show ip igmp groups [group-address] [detail]   detail   interface [group-address] [detail]]	DELL-ANETSUB00019535
show ip igmp interface	show ip igmp interface [interface]	DELL-ANETSUB00019535
show ip igmp snooping groups	show ip igmp snooping groups [vlan vlan-id] [address ip-multicast-address]	DELL-ANETSUB00131695
show ip igmp snooping mrouter	show ip igmp snooping mrouter [vlan number]	DELL-ANETSUB00019535
show ip interface	show ip interface [interface   brief   linecard slot-number] [configuration]	DELL-ANETSUB00019535
show ip interface brief	show ip interface [interface   brief   linecard slot-number] [configuration]	DELL-ANETSUB00019535
show ip ospf	show ip ospf process-id [vrf vrf name]	DELL-ANETSUB00019535
show ip ospf interface	show ip ospf process-id interface [interface]	DELL-ANETSUB00019535
show ip ospf neighbor	show ip ospf process-id neighbor	DELL-ANETSUB00019535
show ip pim interface	show ip pim interface	DELL-ANETSUB00019535
show ip pim neighbor	show ip pim neighbor	DELL-ANETSUB00019535
show ip pim rp	show ip pim rp [mapping   group-address]	DELL-ANETSUB00019535
show ip rip database	show ip rip database [ip-address mask]	DELL-ANETSUB00019535
show ip route	show ip route [vrf [vrf name] hostname   ip-address [mask]   [longer-prefixes]   list prefix-list   protocol [process-id   routing-tag]   all   connected   static   summary]	DELL-ANETSUB00019535
show ip route summary	show ip route summary	DELL-ANETSUB00019535
show ipv6 interface	show ipv6 interface interface [brief] [configured] [gigabitethernet slot / slot/port] [linecard slot-number] [loopback interface-number] [managementethernet slot/port] [port-channel number] [tengigabitethernet slot / slot/port] [vlan vlan-id]	DELL-ANETSUB00019535
show ipv6 neighbors	show ipv6 neighbors [ipv6-address] [cpu {rp1 [ipv6-address]   rp2 [ipv6-address]}] [interface interface]	DELL-ANETSUB00019535
show ipv6 ospf interface	show ipv6 ospf [interface]	DELL-ANETSUB00019535
show ipv6 ospf neighbor	show ipv6 ospf neighbor [interface]	DELL-ANETSUB00019535
show ipv6 route	show ipv6 route [ipv6-address prefix-length] [hostname] [all] [bgp as number] [connected] [isis tag] [list prefix-list name] [ospf process-id] [rip] [static] [summary]	DELL-ANETSUB00019535
show ipv6 route summary	show ipv6 route [ipv6-address prefix-length] [hostname] [all] [bgp as number] [connected] [isis tag] [list prefix-list name] [ospf process-id] [rip] [static] [summary]	DELL-ANETSUB00019535
show isis database	show isis database [level-1   level-2] [local] [detail   summary] [lspid]	DELL-ANETSUB00019535
show isis interface	show isis interface [interface]	DELL-ANETSUB00019535
show lacp counters	show lacp port-channel-number [sys-id   counters]	DELL-ANETSUB00019535
show lldp neighbors	show lldp neighbors [interface] [detail]	DELL-ANETSUB00019535
show mac access-lists	show mac access-lists [access-list-name] [interface interface] [in   out]	DELL-ANETSUB00019535
show mac-address-table	show mac-address-table [dynamic   static] [address mac-address   interface interface   vlan vlan-id] [count [vlan vlan-id] [interface interface-type [slot /port]]]	DELL-ANETSUB00019535
show mac-address-table aging time	show mac-address-table aging-time [vlan vlan-id]	DELL-ANETSUB00019535
show mac-address-table count	show mac-address-table [dynamic   static] [address mac-address   interface interface   vlan vlan-id] [count [vlan vlan-id] [interface interface-type [slot /port]]]	DELL-ANETSUB00019535
show monitor session	show monitor session {session-ID}	DELL-ANETSUB00019535
show policy-map interface	show policy-map interface {interface-id} [in out]	DELL-ANETSUB00131695
show port-security	show port-security [ interface-id   all   dynamic interface-id   static interface-id   violation interface-id]	DELL-ANETSUB00131695
show privilege	show privilege	DELL-ANETSUB00019535
show qos maps	show qos map [dscp-queue   tcp-port-queue   udp-port-queue]	DELL-ANETSUB00122116
show radius	show radius statistics [accounting   authentication] [{ipaddress   hostname   name servername}]	DELL-ANETSUB00131695
show route-map	show route-map [map-name]	DELL-ANETSUB00019535
show snmp	show snmp	DELL-ANETSUB00019535
show snmp engineID	show snmp engineID	DELL-ANETSUB00019535
show spanning-tree	show spanning-tree 0 [active   brief   guard   interface interface   root   summary]	DELL-ANETSUB00019535
show spanning-tree blockedports		DELL-ANETSUB00019535
show spanning-tree interface	show spanning-tree 0 [active   brief   guard   interface interface   root   summary]	DELL-ANETSUB00019535
show spanning-tree mst configuration	show spanning-tree mst configuration	DELL-ANETSUB00019535
show storm-control	show storm-control broadcast [interface] //show storm-control multicast [interface] // show storm-control unknown-unicast [interface]	DELL-ANETSUB00019535
show tacacs	show tacacs [ip-address]	DELL-ANETSUB00131695
show users	show users [all]	DELL-ANETSUB00019535
show version	show version	DELL-ANETSUB00019535
show vlan	show vlan [brief   id vlan-id   name vlan-name]	DELL-ANETSUB00019535
show vlan internal usage	show vlan internal usage	DELL-ANETSUB00122372
show vlan private-vlan	show vlan private-vlan [community   interface   isolated   primary   primary_vlan   interface interface]	DELL-ANETSUB00019535



snmp-server community	snmp-server community <i>community-name</i> {ro   rw} [ipv6 <i>ipv6-access-list-name</i>   [ <i>ipv6 ipv6-access-list-name</i>   <i>access-list-name</i>   security-name <i>name</i> ]   security-name <i>name</i>   [ <i>ipv6 ipv6-access-list-name</i>   <i>access-list-name</i>   security-name <i>name</i> ]   <i>access-list-name</i>   [ <i>ipv6 ipv6-access-list-name</i>   <i>access-list-name</i>   security-name <i>name</i> ]]	DELL-ANETSUB00019535
snmp-server contact	snmp-server contact <i>text</i>	DELL-ANETSUB00019535
snmp-server enable traps	snmp-server enable traps [ <i>notification-type</i> ] [ <i>notification-option</i> ]	DELL-ANETSUB00019535
snmp-server engineID local	snmp-server engineID [ <i>local engineID</i> ] [ <i>remote ip-address</i> udp-port <i>port-number engineID</i> ]	DELL-ANETSUB00019535
snmp-server engineID remote	snmp-server engineID [ <i>local engineID</i> ] [ <i>remote ip-address</i> udp-port <i>port-number engineID</i> ]	DELL-ANETSUB00019535
snmp-server group	snmp-server group [ <i>group_name</i> {1   2c   3 {auth   noauth   priv}}] [ <i>read name</i> ] [ <i>write name</i> ] [ <i>notify name</i> ] [ <i>access-list-name</i>   ipv6 <i>access-list-name</i>   <i>access-list-name</i>   <i>ipv6 access-list-name</i> ]]	DELL-ANETSUB00019535
snmp-server host	snmp-server host <i>ip-address</i>   <i>ipv6-address</i> [traps   informs] [version 1   2c   3] [auth   no auth   priv] [ <i>community-string</i> ] [ <i>udp-port</i> <i>port-number</i> ] [ <i>notification-type</i> ]	DELL-ANETSUB00019535
snmp-server location	snmp-server location <i>text</i>	DELL-ANETSUB00019535
snmp-server user	snmp-server user <i>name</i> { <i>group_name</i> <i>remote ip-address</i> udp-port <i>port-number</i> } [1   2c   3] [encrypted] [auth {md5   sha} <i>auth-password</i> ] [priv des56 <i>priv password</i> ] [ <i>access-list-name</i>   <i>ipv6 access-list-name</i>   <i>access-list-name</i>   <i>ipv6 access-list-name</i> ]	DELL-ANETSUB00019535
snmp-server view	snmp-server view <i>view-name</i> <i>oid-tree</i> {included   excluded}	DELL-ANETSUB00019535
spanning-tree bpduguard	spanning-tree bpduguard {enable   disable} no spanning-tree bpduguard	DELL-ANETSUB000114148
spanning-tree cost	spanning-tree [ <i>vlan</i> <i>vlan-list</i> ] cost <i>cost</i>	DELL-ANETSUB000131695
spanning-tree link-type	spanning-tree link-type {auto   point-to-point   shared}	DELL-ANETSUB000095249
spanning-tree mode	spanning-tree mode {stp   rstp   mst   pvst   rapid-pvst}	DELL-ANETSUB000131695
spanning-tree mst configuration	spanning-tree mst configuration	DELL-ANETSUB000131695
spanning-tree port-priority	spanning-tree [ <i>vlan</i> <i>vlan-id</i> ] port-priority <i>priority</i>	DELL-ANETSUB000131695
storm-control	storm-control broadcast [ <i>percentage decimal_value</i> in   out ]   [wred-profile <i>name</i> ]] [ <i>packets_per_second</i> in ] // storm-control multicast <i>packets_per_second</i> in // storm-control unknown-unicast [ <i>percentage decimal_value</i> [in   out]]   [wred-profile <i>name</i> ]] [ <i>packets_per_second</i> in ] // .....	DELL-ANETSUB00019535
switchport access vlan	switchport access vlan <i>vlan-id</i>	DELL-ANETSUB000122116
switchport backup interface	[no] switchport backup interface [ <i>gigabit slot/port</i>   <i>tengigabit slot/port</i>   <i>port-channel number</i> ]].	DELL-ANETSUB00019535
switchport mode	[no] switchport mode private-vlan {host   promiscuous   trunk}	DELL-ANETSUB00019535
switchport private-vlan mapping	switchport private-vlan {host-association primary-vlan-id secondary-vlan-id   mapping primary-vlan-id [add   remove] secondary-vlan-list}	DELL-ANETSUB000131695
switchport trunk allowed vlan	switchport trunk {allowed vlan <i>vlan-list</i>   native vlan <i>vlan-id</i> }	DELL-ANETSUB000131695
switchport trunk native vlan	switchport trunk {allowed vlan <i>vlan-list</i>   native vlan <i>vlan-id</i> }	DELL-ANETSUB000131695
tacacs-server host	tacacs-server host { <i>hostname</i>   <i>ipv4-address</i>   <i>ipv6-address</i> } [ <i>port number</i> ] [ <i>timeout seconds</i> ] [ <i>key key</i> ]	DELL-ANETSUB00019535
tacacs-server key	tacacs-server key [ <i>encryption-type</i> ] <i>key</i>	DELL-ANETSUB00019535
tacacs-server timeout	tacacs-server host { <i>hostname</i>   <i>ipv4-address</i>   <i>ipv6-address</i> } [ <i>port number</i> ] [ <i>timeout seconds</i> ] [ <i>key key</i> ]	DELL-ANETSUB00019535
terminal length	terminal length <i>screen-length</i>	DELL-ANETSUB00019535
timers bgp	timers bgp <i>keepalive</i> <i>holdtime</i>	DELL-ANETSUB00019535
vrrp delay reload	vrrp delay reload <i>seconds</i>	CSI-CLI-04785577

\*\* Based on Exhibit Copying-2 to the Almeroth Opening Report, this command abstraction is not used by Cisco, but it is what Cisco and Prof. Almeroth accuses Arista EOS of using.

Total of 269 command abstractions listed above.

Disputed Cisco Command	D-Link Command Syntax	D-Link Manual Bates Number*
aaa accounting	aaa accounting commands <i>level</i> {default   <i>list-name</i> } start-stop <i>method1</i> [ <i>method2</i> ...]	ARISTANDCA13247737
aaa authentication login	aaa authentication login {default   <i>list-name</i> } <i>method1</i> [ <i>method2</i> ...]	ARISTANDCA13247737
aaa group server radius	aaa group server {radius   tacacs+} <i>name</i>	ARISTANDCA13247737
aaa group server tacacs+	aaa group server {radius   tacacs+} <i>name</i>	ARISTANDCA13247737
address-family	address-family ipv4 vrf <i>vrf-name</i> // address-family ipv4 [unicast]	ARISTANDCA13247737
area default-cost	area <i>area-id</i> default-cost <i>cost</i>	ARISTANDCA13247737
area default-cost (OSPFv3)	area <i>area-id</i> default-cost <i>cost</i>	ARISTANDCA13247737
area nssa	area <i>area-id</i> nssa [ no-redistribution ] [default-information-originate [metric <0-16777214>   metric-type <1-2>]] [no-summary]	ARISTANDCA13247737
area nssa (OSPFv3)	area <i>area-id</i> nssa [ no-redistribution ] [default-information-originate [metric <0-16777214>   metric-type <1-2>]] [no-summary]	ARISTANDCA13247737
area nssa no-summary	area <i>area-id</i> nssa [ no-redistribution ] [default-information-originate [metric <0-16777214>   metric-type <1-2>]] [no-summary]	ARISTANDCA13247737
arp timeout	arp timeout <i>seconds</i>	ARISTANDCA13247737
banner login	banner login <i>c message c</i>	ARISTANDCA13247737
bfd all-interfaces	bfd all-interfaces	ARISTANDCA13247737
bgp client-to-client reflection	bgp client-to-client reflection	ARISTANDCA13247737
bgp cluster-id	bgp cluster-id <i>cluster-id</i>	ARISTANDCA13247737
bgp confederation identifier	bgp confederation identifier <i>as-number</i>	ARISTANDCA13247737
bgp confederation peers	bgp confederation peers <i>as-number</i> [... <i>as-number</i> ]	ARISTANDCA13247737
boot system	boot system <i>priority</i> prefix:[directory/]filename	ARISTANDCA13247737
channel-group	channel-group CHANNEL-NO mode {on   active   passive}	DKS 00051254
clear arp-cache	clear arp-cache [vrf <i>vrf_name</i>   trusted ] [ip [mask ] ]   interface <i>interface-name</i> ]	ARISTANDCA13247737
clear counters	clear counters [ <i>interface-id</i> ]	ARISTANDCA13247737
clear ip bgp	clear ip bgp { *   ipv4 unicastaddress   <i>as number</i> } [[soft] [in   out]]	ARISTANDCA13247737
clear ip igmp group	clear ip igmp [vrf <i>vrf-name</i> ] group [group-address [ <i>interface-type interface-number</i> ] ]	ARISTANDCA13247737
clear ip mroute	clear ip mroute [vrf <i>vrf-name</i> ] { *   group-address [source -address ] }	ARISTANDCA13247737
clear ip nat translation	clear ip nat translation *	ARISTANDCA13245259
clear ipv6 neighbors	clear ipv6 neighbors	ARISTANDCA13247737
clear lldp counters	clear lldp counters [all   interface <i>INTERFACE-ID</i> [,   -]]	DKS 00051254
clear lldp table	clear lldp table [all   interface <i>INTERFACE-ID</i> [,   -]]	DKS 00051254
clear mac-address-table dynamic	clear mac-address-table dynamic [address <i>mac-addr</i> ] [interface <i>interface-id</i> ]	ARISTANDCA13247737
clock set	clock set <i>hh:mm:ss month day year</i>	ARISTANDCA13247737
clock timezone	clock timezone [+   -] <i>HOURS-OFFSET</i> [ <i>MINUTES-OFFSET</i> ]	DKS 00051254
default-information originate (OSPF)	area <i>area-id</i> nssa [ no-redistribution ] [default-information-originate [metric <0-16777214>   metric-type <1-2>]] [no-summary]	ARISTANDCA13247737
default-information originate (OSPFv3)	area <i>area-id</i> nssa [ no-redistribution ] [default-information-originate [metric <0-16777214>   metric-type <1-2>]] [no-summary]	ARISTANDCA13247737
default-metric (OSPF)	default-metric <i>metric</i>	ARISTANDCA13247737
default-metric (OSPFv3)	default-metric <i>metric</i>	ARISTANDCA13247737
distance bgp	distance bgp <i>external-distance</i> <i>internal-distance</i> <i>local-distance</i>	ARISTANDCA13247737
dot1x pae authenticator	dot1x pae authenticator	DKS 00051254
dot1x port-control	dot1x port-control auto	ARISTANDCA13247737
dot1x reauthentication	[no] dot1x re-authentication	ARISTANDCA13247737
dot1x system-auth-control	dot1x system-auth-control	DKS 00051254
dot1x timeout quiet-period	dot1x timeout quiet-period <i>seconds</i>	ARISTANDCA13247737
dot1x timeout reauth-period	dot1x timeout re-authperiod <i>seconds</i>	ARISTANDCA13247737
dot1x timeout tx-period	dot1x timeout tx-period <i>seconds</i>	ARISTANDCA13247737
errdisable recovery cause	errdisable recovery cause [all   psecure-violation   storm-control   bpdu-protect   arp-rate   dhcp-rate   loopback-detect   l2pt-guard] [interval <i>SECONDS</i> ]	DKS 00051254
interface ethernet	interface ethernet slot/port	ARISTANDCA13245259
interface loopback	interface loopback number	ARISTANDCA13245259
interface port-channel	interface port-channel port-channel-number no interface port-channel	DKS 00049978 DKS 00051254
interface vlan	interface vlan <i>vlan-id</i>	ARISTANDCA13247737
ip access-group	ip access-group { <i>id</i>   <i>name</i> } [in out] [unreflect   reflect]	ARISTANDCA13247737
ip access-list	ip access-list {extended   standard} { <i>id</i>   <i>name</i> }	ARISTANDCA13247737
ip access-list standard	ip access-list {extended   standard} { <i>id</i>   <i>name</i> }	ARISTANDCA13247737
ip address	ip address <i>ip-address network-mask</i> [ secondary ]   [ gateway <i>ip-address</i> ]	ARISTANDCA13247737
ip as-path access-list	ip as-path access-list <i>path-list-num</i> {permit   deny}	ARISTANDCA13247737
ip community-list expanded	ip community-list [{standard   expanded} <i>community-list-name</i>   <i>community-number</i> ] {permit   deny} [ <i>community-number</i> ]	ARISTANDCA13247737
ip community-list standard	ip community-list [{standard   expanded} <i>community-list-name</i>   <i>community-number</i> ] {permit   deny} [ <i>community-number</i> ]	ARISTANDCA13247737
ip dhcp smart-relay	ip dhcp smart-relay	ARISTANDCA13251549
ip dhcp snooping	[no] ip dhcp snooping	ARISTANDCA13247737
ip dhcp snooping information option	[no] ip dhcp snooping information option [standard-format]	ARISTANDCA13247737

ip dhcp snooping vlan	[no] ip dhcp snooping vlan {vlan-rng   {vlan-min [vlan-max]}}	ARISTANDCA13247737
ip domain lookup	ip domain-lookup	ARISTANDCA13247737
ip domain name	ip domain name <name>	DKS 00049978
ip extcommunity-list expanded	ip extcommunity-list {expanded-list   expanded list-name } {permit   deny} [regular-expression]	ARISTANDCA13247737
ip extcommunity-list standard	ip extcommunity-list {standard-list   standard list-name } {permit   deny} [rt value ] [soo value ]	ARISTANDCA13247737
ip helper-address	[no] ip helper-address [vrf vrf-name ]A.B.C.	ARISTANDCA13247737
ip host	ip host host-name ip-address	ARISTANDCA13247737
ip igmp last-member-query-interval	ip igmp last-member-query-interval interval	ARISTANDCA13247737
ip igmp query-interval	ip igmp query-interval seconds	ARISTANDCA13247737
ip igmp query-max-response-time	ip igmp query-max-response-time seconds	ARISTANDCA13247737
ip igmp snooping	ip igmp snooping	ARISTANDCA13247737
ip igmp snooping querier	ip igmp snooping querier	ARISTANDCA13247737
ip igmp static-group	ip igmp static-group group-address	ARISTANDCA13247737
ip igmp version	ip igmp version {1   2   3}	ARISTANDCA13247737
ip local-proxy-arp	ip local-proxy-arp	DKS 00051254
ip multicast boundary	ip multicast boundary access-list	ARISTANDCA13247737
ip multicast-routing	ip multicast-routing [vrf vrf-name ]	ARISTANDCA13247737
ip name-server	ip name-server {ip-address   ipv6-address}	ARISTANDCA13247737
ip nat pool	ip nat pool name start-ip end-ip netmask	ARISTANDCA13245259
ip nat translation tcp-timeout	ip nat translation tcp-timeout seconds	ARISTANDCA13245259
ip nat translation udp-timeout	ip nat translation udp-timeout seconds	ARISTANDCA13245259
ip ospf authentication	ip ospf authentication [message-digest   null]	ARISTANDCA13247737
ip ospf authentication-key	ip ospf authentication-key key	ARISTANDCA13247737
ip ospf cost	ip ospf cost cost	ARISTANDCA13247737
ip ospf dead-interval	ip ospf dead-interval seconds	ARISTANDCA13247737
ip ospf hello-interval	ip ospf hello-interval seconds	ARISTANDCA13247737
ip ospf message-digest-key	ip ospf message-digest-key key-id md5 key	ARISTANDCA13247737
ip ospf network	ip ospf network {broadcast   non-broadcast   point-to-multipoint [non-broadcast]   point-to-point}	ARISTANDCA13247737
ip ospf priority	ip ospf priority priority	ARISTANDCA13247737
ip pim bsr-candidate	ip pim [ vrf vrf-name ]bsr-candidate interface-type interface-number [hash-mask-length ] [priority-value ]	ARISTANDCA13247737
ip pim dr-priority	ip pim dr-priority priority-value	ARISTANDCA13247737
ip pim query-interval	ip pim query-interface interval-seconds	ARISTANDCA13247737
ip pim rp-address	ip pim [ vrf vrf-name ] rp-address rp-address [access_list]	ARISTANDCA13247737
ip pim rp-candidate	ip pim [ vrf vrf-name ] rp-candidate interface-type interface-number [priority priority-value ] [interval interval-seconds ] [group-list access_list ]	ARISTANDCA13247737
ip pim sparse-mode	ip pim sparse-mode	ARISTANDCA13247737
ip pim spt-threshold	ip pim [ vrf vrf-name ] spt-threshold [group-list access_list ]	ARISTANDCA13247737
ip pim ssm range	ip pim [ vrf vrf-name ] ssm {default   range access_list }	ARISTANDCA13247737
ip prefix-list	ip prefix-list prefix-list-name [ seq seq-number ] { deny   permit } ip-prefix [ge minimum-prefix-length ] [ le maximum-prefix-length ]	ARISTANDCA13247737
ip proxy-arp	ip proxy-arp	ARISTANDCA13247737
ip radius source-interface	ip radius source-interface interface	ARISTANDCA13247737
ip route	ip route [vrf vrf_name ] network net-mask {ip-address   interface [ip-address ]} [distance ] [tag tag ] [permanent] [weight number ] [disable   enable]	ARISTANDCA13247737
ip routing	ip routing	ARISTANDCA13247737
ip tacacs source-interface	ip tacacs source-interface interface	ARISTANDCA13247737
ipv6 access-list	ipv6 access-list name	ARISTANDCA13247737
ipv6 address	ipv6 address ipv6-address/prefix-length ipv6 address ipv6-prefix/prefix-length eui-64 ipv6 address prefix-name sub-bits/prefix-length [eui-64]	ARISTANDCA13247737
ipv6 dhcp relay destination	show ipv6 dhcp relay destination { all   interface interface-type interface-number }	ARISTANDCA13247737
ipv6 enable	no ipv6 enable	ARISTANDCA13247737
ipv6 access-group	ipv6 access-group {NAME   NUMBER } [in]	ARISTANDCA13251549
ipv6 nd managed-config-flag	ipv6 nd managed-config-flag	ARISTANDCA13247737
ipv6 nd ns-interval	ipv6 nd ns-interval milliseconds	ARISTANDCA13247737
ipv6 nd other-config-flag	ipv6 nd other-config-flag	ARISTANDCA13247737
ipv6 nd prefix	ipv6 nd prefix {ipv6-prefix /prefix-length   default } [ valid-lifetime preferred-lifetime ] [ at valid-date preferred-date ] [ infinite   preferred-lifetime ] [no-advertise] [ ll off-link ] [ no-autoconfig ]	ARISTANDCA13247737
ipv6 nd ra interval	ipv6 nd ra-interval {seconds   min-max min_value max_value }	ARISTANDCA13247737
ipv6 nd ra lifetime	ipv6 nd ra-lifetime seconds	ARISTANDCA13247737
ipv6 nd reachable-time	ipv6 nd reachable-time milliseconds	ARISTANDCA13247737
ipv6 neighbor	ipv6 neighbor ipv6-address interface-id hardware-address	ARISTANDCA13247737
ipv6 ospf area	ipv6 ospf process-id area area-id [instance instance-id ]	ARISTANDCA13247737
ipv6 ospf cost	ipv6 ospf cost cost [instance instance-id ]	ARISTANDCA13247737
ipv6 ospf dead-interval	ipv6 ospf dead-interval seconds [instance instance-id ]	ARISTANDCA13247737
ipv6 ospf hello-interval	ipv6 ospf hello-interval seconds [instance instance-id ]	ARISTANDCA13247737
ipv6 ospf priority	ipv6 ospf priority number-value [instance instance-id ]	ARISTANDCA13247737
ipv6 ospf retransmit-interval	ipv6 ospf retransmit-interval seconds [instance instance-id ]	ARISTANDCA13247737

ipv6 ospf transmit-delay	ipv6 ospf transmit-delay <i>seconds</i> [instance <i>instance-id</i> ]	ARISTANDCA13247737
ipv6 route	ipv6 route <i>ipv6-prefix</i> / <i>prefix-length</i> { <i>ipv6-address</i>   <i>interface-id</i> [ <i>ipv6-address</i> ] } [ <i>distance</i> ] [ <i>weight number</i> ]	ARISTANDCA13247737
ipv6 router ospf	ipv6 router ospf [ <i>process-id</i> ]	ARISTANDCA13247737
lACP port-priority	lACP port-priority <i>port-priority</i>	ARISTANDCA13247737
lACP system-priority	lACP system-priority <i>system-priority</i>	ARISTANDCA13247737
lldp receive	lldp receive	ARISTANDCA13251549
lldp reinit	lldp reinit <i>SECONDS</i>	ARISTANDCA13251549
lldp run	lldp run	ARISTANDCA13251549
lldp timer	lldp timers [interval <interval-seconds>] [hold <hold-value>] [reinit <reinit-seconds>]	DKS 00031793 DKS 00045369
lldp tlv-select	lldp tlv-select [port-description   system-capabilities   system-description   system-name]	ARISTANDCA13251549
lldp transmit	lldp transmit	ARISTANDCA13251549
logging host	logging host <ipaddr> [<port>][<severitylevel>]	DKS 00045369
mac access-group	mac access-group { <i>id</i>   <i>name</i> } {in   out}	ARISTANDCA13247737
mac-address-table aging-time	mac-address-table aging-time <i>seconds</i>	ARISTANDCA13247737
mac-address-table static	mac-address-table static <i>mac-addr</i> <i>vlan</i> <i>vlan-id</i> <i>interface</i> <i>interface-id</i>	ARISTANDCA13247737
maximum-paths	maximum-paths <i>number</i>	ARISTANDCA13247737
maximum-paths (OSPFv3)	maximum-paths <i>number</i>	ARISTANDCA13247737
neighbor activate	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } activate	ARISTANDCA13247737
neighbor allowas-in	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } allowas-in <i>number</i>	ARISTANDCA13247737
neighbor default-originate	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } default-originate [route-map <i>map-tag</i> ]	ARISTANDCA13247737
neighbor description	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } description <i>text</i>	ARISTANDCA13247737
neighbor ebgp-multipath	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } ebgp-multipath [ttl]	ARISTANDCA13247737
neighbor next-hop-self	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } next-hop-self	ARISTANDCA13247737
neighbor password	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } password [0   7] <i>string</i>	ARISTANDCA13247737
neighbor peer-group (assigning members)	neighbor <i>peer-address</i> <i>peer-group</i> <i>peer-group-name</i>	ARISTANDCA13247737
neighbor peer-group (creating)	neighbor <i>peer-group-name</i> <i>peer-group</i>	ARISTANDCA13247737
neighbor remote-as	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } remote-as <i>as-number</i>	ARISTANDCA13247737
neighbor remove-private-as	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } remove-private-as	ARISTANDCA13247737
neighbor route-map	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } route-map <i>map-tag</i> {in   out}	ARISTANDCA13247737
neighbor route-reflector-client	neighbor { <i>ip-address</i>   <i>peer-group-name</i> } route-reflector-client	ARISTANDCA13247737
neighbor send-community	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } send-community [both   standard   extended]	ARISTANDCA13247737
neighbor shutdown	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } shutdown	ARISTANDCA13247737
neighbor soft-reconfiguration	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } soft-reconfiguration inbound	ARISTANDCA13247737
neighbor timers	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } timers <i>keepalive</i> <i>holdtime</i>	ARISTANDCA13247737
neighbor update-source	neighbor { <i>peer-address</i>   <i>peer-group-name</i> } update-source <i>interface-type</i> <i>interface-index</i>	ARISTANDCA13247737
neighbor weight	neighbor { <i>ip-address</i>   <i>peer-group-name</i> } weight <i>number</i>	ARISTANDCA13247737
network area	network <i>ip-address</i> <i>wildcard</i> <i>area</i> <i>area-id</i>	ARISTANDCA13247737
no snmp-server	no snmp-server	ARISTANDCA13247737
passive-interface	passive-interface {default   <i>interface-type</i> <i>interface-num</i> }	ARISTANDCA13247737
passive-interface (OSPFv3)	passive-interface {default   <i>interface-type</i> <i>interface-num</i> }	ARISTANDCA13247737
passive-interface default	passive-interface {default   <i>interface-type</i> <i>interface-num</i> }	ARISTANDCA13247737
port-channel load-balance	port-channel load-balance {dst-ip   dst-mac   src-dst-ip   src-dst-mac   src-ip   src-mac}	ARISTANDCA13251549
private-vlan	private-vlan {community   isolated   primary}	ARISTANDCA13247737
radius-server deadtime	radius-server deadtime <i>minutes</i>	ARISTANDCA13247737
radius-server host	radius-server host { <i>ipv4-address</i>   <i>ipv6-address</i> } [auth-port <i>port-number</i> ] [acct-port <i>port-number</i> ] [test username <i>name</i> [idle-time <i>time</i> ] [ignore-auth-port] [ignore-acct-port]]	ARISTANDCA13247737
route-map	route-map <i>route-map-name</i> [permit   deny] [ <i>sequence-number</i> ]	ARISTANDCA13247737
router bgp	router bgp <i>as-number</i>	ARISTANDCA13247737
show arp	show arp [[vrf <i>vrf-name</i> ] [trusted] <i>ip</i> [ <i>mask</i> ]   static   complete   incomplete   mac-address]	ARISTANDCA13247737
show bfd neighbors	show bfd neighbors [vrf <i>vrf-name</i> ] [client { bgp   ospf   rip   vrrp   static-route   vrrp-balance   ldp-lsp   static-lsp   backward-lsp-with-ip   pst}] [ipv4 <i>ip-address</i>   ipv6 <i>ip-address</i> ] [details]	ARISTANDCA13247737
show clock	show clock [slots   devices] module]	ARISTANDCA13247737
show dot1q-tunnel	show dot1q-tunnel [interface <i>intf-id</i> ]	ARISTANDCA13247737
show dot1x	show dot1x	ARISTANDCA13247737
show dot1x statistics	show dot1x statistics [interface <i>INTERFACE-ID</i> [,   -]]	ARISTANDCA13251549
show environment power	show environment [fan   power   temperature]	ARISTANDCA13251549
show environment temperature	show environment [fan   power   temperature]	ARISTANDCA13251549
show hosts	show hosts	ARISTANDCA13247737
show interfaces	show interfaces	ARISTANDCA13247737
show interfaces status	show interfaces [ <i>INTERFACE-ID</i> [,   -]] status	ARISTANDCA13251549
show interfaces switchport	show interfaces switchport	ARISTANDCA13247737
show interfaces switchport backup	show interfaces switchport backup detail	ARISTANDCA13247737
show interfaces transceiver	show interfaces [ <i>INTERFACE-ID</i> [,   -]] transceiver [detail]	ARISTANDCA13251549
show ip access-lists	show ip access-list	ARISTANDCA13247737

show ip arp	show ip arp	ARISTANDCA13247737
show ip bgp	show ip bgp [{network / network-mask}] [longer-prefixes]	ARISTANDCA13247737
show ip bgp community	show ip bgp community	ARISTANDCA13245259
show ip bgp neighbors	show ip bgp neighbors	ARISTANDCA13247737
show ip bgp paths	show ip bgp paths	ARISTANDCA13245259
show ip bgp peer-group	show ip bgp peer-group	ARISTANDCA13247737
show ip bgp regexp	show ip bgp regexp regular-expression	ARISTANDCA13245259
show ip bgp summary	show ip bgp summary	ARISTANDCA13247737
show ip community-list	show ip community-list [community-list-number   community-list-name]	ARISTANDCA13247737
show ip dhcp snooping	show ip dhcp snooping	ARISTANDCA13247737
show ip extcommunity-list	show ip extcommunity-list [extcommunity-list-num   extcommunity-list-name]	ARISTANDCA13247737
show ip helper-address	show ip helper-address <interface>	ARISTANDCA13247171
show ip igmp groups	show ip igmp [vrf vrf-name] groups [group-address   interface-type interface-number] [detail]	ARISTANDCA13247737
show ip igmp interface	show ip igmp [vrf vrf-name] interface [interface-type interface-number]	ARISTANDCA13247737
show ip igmp snooping	show ip igmp snooping [gda-table   interfaces   mdevice / statistics [vlan vlan-id] ]	ARISTANDCA13247737
show ip igmp snooping groups	show ip igmp snooping groups [vlan VLAN-ID   [IP-ADDRESS]	ARISTANDCA13251549
show ip igmp snooping mrouter	show ip igmp snooping mrouter [vlan VLAN-ID]	ARISTANDCA13251549
show ip interface	show ip interface [interface-type interface-number   brief]	ARISTANDCA13247737
show ip interface brief	show ip interface [interface-type interface-number   brief]	ARISTANDCA13247737
show ip mroute	show ip mroute [vrf vrf-name] [group-or-source-address [group-or-source-address]] [dense   sparse] [summary   count]	ARISTANDCA13247737
show ip mroute count	show ip mroute [vrf vrf-name] [group-or-source-address [group-or-source-address]] [dense   sparse] [summary   count]	ARISTANDCA13247737
show ip nat translations	show ip nat translations [verbose]	ARISTANDCA13245259
show ip ospf border-routers	show ip ospf [process-id] border-mrouters	ARISTANDCA13247737
show ip ospf database database-summary	show ip ospf [process-id area-id] database [database-summary]	ARISTANDCA13247737
show ip ospf interface	show ip ospf interface [interface-type interface-number]	ARISTANDCA13247737
show ip ospf neighbor	show ip ospf [process-id] neighbor [[detail]   [[interface-type interface-number] [neighbor-id]]]	ARISTANDCA13247737
show ip pim interface	show ip pim interface [dense-mode   sparse-mode   sparse-dense-mode] [INTERFACE-ID] [detail]	DKS 00051254
show ip pim neighbor	show ip pim neighbor [INTERFACE-ID]	DKS 00051254
show ip pim rp-hash	show ip pim rp-hash GROUP-ADDRESS	DKS 00051254
show ip prefix-list	show ip prefix-list [prefix-name]	ARISTANDCA13247737
show ip rip database	show ip rip database [vrf vrf-name] [network-number {network-mask}]	ARISTANDCA13247737
show ip route	show ip route [[vrf vrf_name] [network [mask]   count   protocol [process-id]   weight]]	ARISTANDCA13247737
show ip route summary	show ip route [vrf vrf_name] summary	ARISTANDCA13247737
show ipv6 interface	show ipv6 interface [interface-id] [ra-info]	ARISTANDCA13247737
show ipv6 neighbors	show ipv6 neighbors [verbose] [interface-id] [ipv6-address]	ARISTANDCA13247737
show ipv6 ospf	show ipv6 ospf [process-id]	ARISTANDCA13247737
show ipv6 ospf border-routers	show ip ospf [process-id] border-mrouters	ARISTANDCA13247737
show ipv6 ospf interface	show ipv6 ospf interface [interface-type interface-number]	ARISTANDCA13247737
show ipv6 ospf neighbor	show ipv6 ospf [process-id] neighbor [interface-type interface-number [detail] [neighbor-id] [detail]]	ARISTANDCA13247737
show ipv6 prefix-list	show ipv6 prefix-list [prefix-name]	ARISTANDCA13247737
show ipv6 route	show ipv6 route [static   local   connected]	ARISTANDCA13247737
show ipv6 route summary	show ipv6 route summary	ARISTANDCA13247737
show lldp	show lldp	DKS 00051254
show lldp traffic	show lldp traffic	DKS 00051254
show mac access-lists	show mac access-lists [name]	ARISTANDCA13247171
show mac-address-table	show mac-address-table [address mac-addr] [interface interface-id] [vlan vlan-id]	ARISTANDCA13247737
show mac-address-table aging time	show mac-address-table aging-time	ARISTANDCA13247737
show mac-address-table count	show mac-address-table count	ARISTANDCA13247737
show monitor session	show monitor session	ARISTANDCA13247737
show ntp status	show ntp status	ARISTANDCA13247737
show policy-map interface	show policy-map interface INTERFACE-ID	DKS 00051254
show port-security	show port-security [address] [interface interface-id] [all]	ARISTANDCA13247737
show port-security address	show port-security [address] [interface interface-id] [all]	ARISTANDCA13247737
show port-security interface	show port-security [address] [interface interface-id] [all]	ARISTANDCA13247737
show privilege	show privilege	DKS 00051254
show ptp clock	show ptp clock	DKS 00031793
show radius	show radius parameter // show radius server // show radius vendor-specific	ARISTANDCA13247737
show reload	show reload	ARISTANDCA13247737
show route-map	show route-map [ROUTE-MAP-NAME]	DKS 00051254
show snmp	show snmp [mib   user   view   group   host]	ARISTANDCA13247737
show snmp community	show snmp community <community_string 32>	DKS 00031793
show snmp engineID	show snmp engineID	DKS 00031793
show snmp group	show snmp [mib   user   view   group   host]	ARISTANDCA13247737



show snmp host	show snmp [mib   user   view   group   host]	ARISTANDCA13247737
show snmp mib	show snmp [mib   user   view   group   host]	ARISTANDCA13247737
show snmp user	show snmp [mib   user   view   group   host]	ARISTANDCA13247737
show snmp view	show snmp [mib   user   view   group   host]	ARISTANDCA13247737
show spanning-tree	show spanning-tree [summary   forward-time   hello-time   max-age   inconsistent-ports   tx-hold-count   pathcost method   max-hops]	ARISTANDCA13247737
show spanning-tree blockedports	show spanning-tree [ethernet interface-number   port-channel port-channel-number] [instance instance-id] show spanning-tree [detail] [active   blockedports] [instance instance-id]	DKS 00049978
show spanning-tree interface	show spanning-tree interface interface-id [{bpdudfilter   portfast   bpduguard   link-type }]	ARISTANDCA13247737
show spanning-tree mst	show spanning-tree mst	ARISTANDCA13247737
show spanning-tree mst configuration	show spanning-tree mst configuration	ARISTANDCA13247737
show spanning-tree mst interface	show spanning-tree mst interface <i>interface-id</i>	ARISTANDCA13247737
show storm-control	show storm-control [ <i>interface-id</i> ]	ARISTANDCA13247737
show tacacs	show tacacs	ARISTANDCA13247737
show users	show users	DKS 00051254
show version	show clock [slots   devices   module]	ARISTANDCA13247737
show vlan	show vlan [id <i>vlan-id</i> ]	ARISTANDCA13247737
show vlan internal usage	show vlan internal usage	DKS 00049978
show vlan private-vlan	show vlan private-vlan [community   primary   isolated]	ARISTANDCA13247737
show vrf	show vrf [brief] [vrf-name] // show vrf ipv4 [vrf-name] // show vrf ipv6 [vrf-name] // show vrf detail [vrf-name]	ARISTANDCA13247737
snmp-server chassis-id	snmp-server chassis-id text	ARISTANDCA13247737
snmp-server community	snmp-server community string [view <i>view-name</i> ] [{ro   rw}] [host <i>ipaddr</i> ] [ipv6 <i>ipv6-aclname</i> ] [ <i>aclnum</i> ] [ <i>aclname</i> ]	ARISTANDCA13247737
snmp-server contact	snmp-server contact <i>TT text</i>	ARISTANDCA13247737
snmp-server enable traps	snmp-server enable traps [snmp]	ARISTANDCA13247737
snmp-server engineID local	snmp-server engineID local <i>ENGINEID-STRING</i>	DKS 00051254
snmp-server group	snmp-server group <i>groupname</i> {v1   v2c   v3 {auth   noauth   priv}} [read <i>readview</i> ] [write <i>writeview</i> ] [access [{ipv6 <i>ipv6-aclname</i> ] [ <i>aclnum</i> ] [ <i>aclname</i> ] num [ <i>name</i> ]}]	ARISTANDCA13247737
snmp-server host	snmp-server host [ <i>host-addr</i> ] [ipv6 <i>ipv6-addr</i> ] [vrf <i>vrfname</i> ] [traps] [version {1   2c   3 {auth   noauth   priv}}] <i>community-string</i> [udp-port <i>port-num</i> ] [ <i>notification-type</i> ]	ARISTANDCA13247737
snmp-server location	snmp-server location <i>TT text TT</i>	ARISTANDCA13247737
snmp-server user	snmp-server user <i>username</i> <i>groupname</i> {v1   v2c   v3 {encrypted}} [auth {md5   sha} <i>auth-password</i> ] [priv des56 <i>priv-password</i> ] [access [{ipv6 <i>ipv6-aclname</i> ] [ <i>aclnum</i> ] [ <i>aclname</i> ]}]	ARISTANDCA13247737
snmp-server view	snmp-server view <i>view-name</i> oid-tree {include   exclude}	ARISTANDCA13247737
spanning-tree bpdudfilter	spanning-tree bpdudfilter [enabled   disabled]	ARISTANDCA13247737
spanning-tree bpduguard	spanning-tree bpduguard [enabled   disabled]	ARISTANDCA13247737
spanning-tree cost		ARISTANDCA13247737
spanning-tree link-type	spanning-tree link-type [point-to-point   shared]	ARISTANDCA13247737
spanning-tree loopguard default	spanning-tree loopguard default	ARISTANDCA13247737
spanning-tree mode	spanning-tree mode [stp   rstp   mstp]	ARISTANDCA13247737
spanning-tree mst configuration	spanning-tree mst configuration	ARISTANDCA13247737
spanning-tree portfast bpdudfilter default	spanning-tree portfast bpdudfilter default	ARISTANDCA13247737
spanning-tree portfast bpduguard default	spanning-tree portfast bpduguard default	ARISTANDCA13247737
spanning-tree port-priority	spanning-tree port-priority <i>PRIORITY</i>	DKS 00051254
storm-control	storm-control {broadcast   multicast   unicast} [{level <i>percent</i>   pps <i>packets</i>   rate <i>bps</i> }]	ARISTANDCA13247737
switchport access vlan	switchport access vlan <i>vlan-id</i>	ARISTANDCA13247737
switchport mode	switchport mode {access   trunk}	ARISTANDCA13247737
switchport port-security	switchport port-security [violation {protect   restrict   shutdown}]	ARISTANDCA13247737
switchport port-security maximum	switchport port-security maximum <i>value</i>	ARISTANDCA13247737
switchport private-vlan mapping	switchport private-vlan mapping <i>p_vid</i> {svlist   add <i>svist</i>   remove <i>svlist</i> }	ARISTANDCA13247737
switchport trunk allowed vlan	switchport trunk {allowed vlan {all   [add   remove   except] <i>vlan-list</i> }}   native <i>vlan</i> <i>vlan-id</i> }	ARISTANDCA13247737
switchport trunk native vlan	switchport trunk {allowed vlan {all   [add   remove   except] <i>vlan-list</i> }}   native <i>vlan</i> <i>vlan-id</i> }	ARISTANDCA13247737
switchport vlan mapping	switchport vlan mapping original-vlan <i>ORIGINAL-VLAN</i> [,   -] [{ <i>ORIGINAL-INNER-VLAN</i> ] resultant-vlan <i>RESULTANT-VLAN</i> [ <i>RESULTANT-INNER-VLAN</i> ]   dot1q-tunnel <i>DOT1Q-TUNNEL-VLAN</i> ] [ <i>priority COS-VALUE</i> ]	DKS 00051254
tacacs-server host	tacacs-server host [ <i>ip-address</i> ] [ <i>ipv6-address</i> ] [port <i>integer</i> ] [timeout <i>integer</i> ] [ <i>key string</i> ]	ARISTANDCA13247737
tacacs-server key	tacacs-server key [0   7] <i>string</i>	ARISTANDCA13247737
tacacs-server timeout	tacacs-server timeout <i>seconds</i>	ARISTANDCA13247737
terminal length	terminal length default <i>NUMBER</i>	DKS 00051254
timers basic (RIP)	timers basic <i>update</i> <i>invalid</i> <i>flush</i>	ARISTANDCA13247737
timers bgp	timers bgp <i>keepalive</i> <i>holetime</i>	ARISTANDCA13247737
timers lsa arrival	timers lsa arrival <i>arrival-time</i>	ARISTANDCA13247737
timers throttle lsa all	timers throttle lsa all <i>delay-time</i> <i>hold-time</i> <i>max-wait-time</i>	ARISTANDCA13247737
timers throttle spf	timers throttle spf <i>spf-delay</i> <i>spf-holdtime</i> <i>spf-max-waittime</i>	ARISTANDCA13247737

vrf definition	vrf definition	ARISTANDCA13247737
vrrp authentication	vrrp <i>group</i> authentication <i>string</i>	ARISTANDCA13247737
vrrp ip	vrrp <i>group</i> ip <i>ipaddress</i> [secondary]	ARISTANDCA13247737
vrrp preempt	vrrp <i>group</i> preempt [delay <i>seconds</i> ]	ARISTANDCA13247737
vrrp timers advertise	vrrp <i>group</i> timers advertise <i>interval</i>	ARISTANDCA13247737

\* Additional substitute Bates Numbers for D-Link produced documents will be provided in a supplement.

\*\* This command abstraction (without the hyphen) was not listed as a Cisco command abstraction until it appeared in Exhibit Copying-2 to the Almeroth Opening Report.

Total of 306 command abstractions listed above.

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**AMENDED APPENDIX H.EC - Edge-Core Usage of Disputed CLI Commands**

Disputed Cisco Command	Edge-Core Command Syntax	Edge-Core Manual Bates Number
aaa accounting	aaa accounting commands level {default   method-name} start-stop group {tacacs+   server-group}	EC004411
aaa accounting dot1x	aaa accounting dot1x {default   method-name} start-stop group {radius   tacacs+   server-group}	EC004411
aaa authentication login	authentication login {[local] [radius] [tacacs]}	EC004411
aaa group server radius	[no] aaa group server {radius   tacacs+} group-name	EC004411
aaa group server tacacs+	[no] aaa group server {radius   tacacs+} group-name	EC004411
address-family	address-family {ipv4   ipv6}	EC000499
aggregate-address	[no] aggregate-address ip-address netmask [as-set] [summary only]	EC004411
area default-cost	area area-id default-cost cost	EC004411
area default-cost (OSPFv3)	area area-id default-cost cost	EC004411
area nssa	[no] area area-id nssa [translator-role {candidate   never   always}]   [no-redistribution]   [no-summary]   [default-information-originate {metric metric-value   metric-type type-value}]	EC004411
area nssa (OSPFv3)	[no] area area-id nssa [translator-role {candidate   never   always}]   [no-redistribution]   [no-summary]   [default-information-originate {metric metric-value   metric-type type-value}]	EC004411
area nssa default-information-originate	[no] area area-id nssa [translator-role {candidate   never   always}]   [no-redistribution]   [no-summary]   [default-information-originate {metric metric-value   metric-type type-value}]	EC004411
area nssa default-information-originate (OSPFv3)	[no] area area-id nssa [translator-role {candidate   never   always}]   [no-redistribution]   [no-summary]   [default-information-originate {metric metric-value   metric-type type-value}]	EC004411
area nssa no-summary	[no] area area-id nssa [translator-role {candidate   never   always}]   [no-redistribution]   [no-summary]   [default-information-originate {metric metric-value   metric-type type-value}]	EC004411
area range	[no] area area-id range ipv6-prefix/prefix-length {advertise   not-advertise}	EC004411
area range (OSPFv3)	[no] area area-id range ipv6-prefix/prefix-length {advertise   not-advertise}	EC004411
area stub	[no] area area-id stub [no-summary]	EC004411
area stub (OSPFv3)	[no] area area-id stub [no-summary]	EC004411
arp timeout	arp timeout seconds	EC004411
bgp log-neighbor-changes	bgp log-neighbor-changes	EC004411
boot system	boot system [unit:] {boot-rom   config   opcode}: filename	EC004411
clear arp-cache	clear arp-cache	EC004411
clear counters	clear counters interface	EC004411
clear ip bgp	clear ip bgp { *   as-number   external   peer-group group-name   neighbor-address} [in [prefix-list]   out   soft [in   out]]	EC004411
clear ip ospf neighbor	clear ip ospf neighbor [neighbor-id]	EC000499
clear ipv6 neighbors	clear ipv6 neighbors	EC004411
clear mac-address-table dynamic	clear mac-address-table dynamic	EC004411
clock set	clock set hh:mm:ss	EC000001
clock timezone	clock timezone name hour hours minute minutes {before-utc   after-utc}	EC004411
default-information originate (OSPF)	[no] default-information originate	EC004411
default-information originate (OSPFv3)	[no] default-information originate	EC004411
default-metric (OSPF)	default-metric metric-value	EC004411
default-metric (OSPFv3)	default-metric metric-value	EC004411
distance bgp	distance bgp ebgp-distance ibgp-distance local-distance	EC004411
dot1x pae authenticator	dot1x pae {supplicant   authenticator}	EC000499
dot1x port-control	dot1x port-control {auto   force-authorized   force-unauthorized}	EC004411
dot1x reauthentication	[no] dot1x re-authentication	EC004411
dot1x system-auth-control	[no] dot1x system-auth-control	EC004411
dot1x timeout quiet-period	dot1x timeout quiet-period seconds	EC004411
dot1x timeout reauth-period	dot1x timeout re-authperiod seconds	EC004411
dot1x timeout tx-period	dot1x timeout tx-period seconds	EC004411
interface ethernet	[no] interface interface interface ethernet unit/port-list unit - Unit identifier. (Range: 1-8) port-list - Physical port number or list of port numbers. Separate nonconsecutive port numbers with a comma and no spaces; or use a hyphen to designate a range of port numbers. (Range: 1-28/52) port-channel channel-id (Range: 1-16)	EC004411
interface loopback	interface loopback id	EC000001
interface port-channel	[no] interface interface interface ethernet unit/port-list unit - Unit identifier. (Range: 1-8) port-list - Physical port number or list of port numbers. Separate nonconsecutive port numbers with a comma and no spaces; or use a hyphen to designate a range of port numbers. (Range: 1-28/52) port-channel channel-id (Range: 1-16)	EC004411



interface vlan	[no] interface interface interface ethernet unit/port-list unit - Unit identifier. (Range: 1-8) port-list - Physical port number or list of port numbers. Separate nonconsecutive port numbers with a comma and no spaces; or use a hyphen to designate a range of port numbers. (Range: 1-28/52) port-channel channel-id (Range: 1-16)	EC004411
ip access-group	ip access-group acl-name in [time-range time-range-name] [counter]	EC004411
ip access-list	ip access-list name	EC000001
ip address	ip address [ip-address netmask [secondary] [default-gateway ip-address]   bootp   dhcp]	EC004411
ip dhcp snooping	[no] ip dhcp snooping	EC004411
ip dhcp snooping information option	ip dhcp snooping information option [encode no-subtype] [remote-id [ip-address [encode {ascii   hex}]]   mac-address [encode {ascii   hex}]]   string string]]	EC004411
ip dhcp snooping vlan	[no] ip dhcp snooping vlan vlan-id	EC004411
ip domain lookup	[no] ip domain-list name	EC004411
ip domain-name	ip domain-name name	EC004411
ip helper-address	[no] ip helper-address ip-address	EC004411
ip host	[no] ip host name address	EC004411
ip igmp snooping	[no] ip igmp snooping [vlan vlan-id]	EC004411
ip igmp snooping querier	[no] ip igmp snooping querier	EC004411
ip igmp snooping vlan immediate-leave	ip igmp snooping vlan vlan-id immediate-leave [by-host-ip]	EC004411
ip igmp snooping vlan mrouter	[no] ip igmp snooping vlan vlan-id mrouter interface	EC004411
ip igmp snooping vlan static	ip igmp snooping vlan vlan-id query-resp-intvl interval	EC004411
ip name-server	[no] ip name-server server-address1 [server-address2 ...server-address6]	EC004411
ip ospf authentication	ip ospf [ip-address] authentication [message-digest   null]	EC004411
ip ospf cost	ip ospf [ip-address] cost cost	EC004411
ip ospf dead-interval	ip ospf [ip-address] dead-interval seconds	EC004411
ip ospf hello-interval	ip ospf [ip-address] hello-interval seconds	EC004411
ip ospf network	ip ospf network [broadcast   point-to-point]	EC000499
ip ospf priority	ip ospf [ip-address] priority priority	EC004411
ip ospf retransmit-interval	ip ospf [ip-address] retransmit-interval seconds	EC004411
ip ospf transmit-delay	ip ospf [ip-address] transmit-delay seconds	EC004411
ip route	ip route destination-ip netmask next-hop [distance]	EC004411
ip routing	ip routing	EC004411
ipv6 access-group	ipv6 access-group acl-name in [time-range time-range-name] [counter]	EC004411
ipv6 access-list	ipv6 access-list name	EC000001
ipv6 address	[no] ipv6 address ipv6-address[/prefix-length]	EC004411
ipv6 dhcp relay destination	[no] ipv6 dhcp relay destination [ipv6-address   multicast {all   vlan vlan-id}]	EC004411
ipv6 enable	[no] ipv6 enable	EC004411
ipv6 host	[no] ipv6 host name ipv6-address	EC004411
ipv6 nd managed-config-flag	[no] ipv6 nd managed-config-flag	EC004411
ipv6 nd ns-interval	ipv6 nd ns-interval milliseconds	EC004411
ipv6 nd other-config-flag	[no] ipv6 nd other-config-flag	EC004411
ipv6 nd prefix	ipv6 nd prefix ipv6-address/prefix-length {default   [valid-lifetime preferred- lifetime [no-autoconfig   off-link]]}	EC004411
ipv6 nd ra interval	ipv6 nd ra interval minimum-interval [maximum-interval]	EC004411
ipv6 nd ra lifetime	ipv6 nd ra lifetime lifetime	EC004411
ipv6 nd reachable-time	ipv6 nd reachable-time milliseconds	EC004411
ipv6 nd router-preference	ipv6 nd router-preference {low   medium   high}	EC000499
ipv6 ospf area	ipv6 ospf area 0-4294967295	EC000499
ipv6 ospf cost	ipv6 ospf cost cost [instance-id instance-id]	EC004411
ipv6 ospf dead-interval	ipv6 ospf dead-interval seconds [instance-id instance-id]	EC004411
ipv6 ospf hello-interval	ipv6 ospf hello-interval seconds [instance-id instance-id]	EC004411
ipv6 ospf network	ipv6 ospf network [broadcast   point-to-point]	EC000499
ipv6 ospf priority	ipv6 ospf priority priority [instance-id instance-id]	EC004411
ipv6 ospf retransmit-interval	ipv6 ospf retransmit-interval seconds [instance-id instance-id]	EC004411
ipv6 ospf transmit-delay	ipv6 ospf transmit-delay seconds [instance-id instance-id]	EC004411
ipv6 route	[no] ipv6 route destination-ipv6-address/prefix-length {gateway-address [distance]   link-local-address%zone-id [distance]}	EC004411
ipv6 router ospf	[no] router ipv6 ospf [tag process-name]	EC004411
ipv6 unicast-routing	ipv6 unicast-routing	EC000499
lacp port-priority	lacp {actor   partner} port-priority priority	EC004411
lacp system-priority	lacp {actor   partner} system-priority priority	EC004411
lldp receive	lldp receive	EC000001
lldp transmit	lldp transmit	EC000001
log-adjacency-changes	log-adjacency-changes [detail]	EC000499
logging host	logging host host-ip-address [port udp-port]	EC004411
mac access-group	mac access-group acl-name in [time-range time-range-name] [counter]	EC004411
mac-address-table aging-time	mac-address-table aging-time seconds	EC004411
mac-address-table static	mac-address-table static mac-address interface interface vlan vlan-id [action]	EC004411
maximum-paths	maximum-paths path-count	EC004411

maximum-paths (OSPFv3)	maximum-paths path-count	EC004411
neighbor activate	[no] neighbor {ip-address   group-name} activate	EC004411
neighbor default-originate	neighbor {ip-address   group-name} default-originate [route-map map-name]	EC004411
neighbor description	neighbor {ip-address   group-name} description description	EC004411
neighbor next-hop-self	[no] neighbor {ip-address   group-name} next-hop-self	EC004411
neighbor password	neighbor {ip-address   group-name} password	EC004411
neighbor remote-as	neighbor {ip-address   group-name} remote-as as-number	EC004411
neighbor route-map	neighbor {ip-address   group-name} route-map map-name {in   out}	EC004411
neighbor send-community	[no] neighbor {ip-address   group-name} send-community {both   extended   standard}	EC004411
neighbor shutdown	[no] neighbor {ip-address   group-name} shutdown	EC004411
neighbor timers	[no] neighbor {ip-address   group-name} timers keepalive-time hold-time	EC004411
neighbor update-source	[no] neighbor {ip-address   group-name} update-source interface vlan vlan-id	EC004411
network area	[no] network ip-address netmask area area-id	EC004411
no snmp-server	[no] snmp-server	EC004411
ntp authenticate	[no] ntp authenticate	EC004411
ntp authentication-key	ntp authentication-key number md5 key	EC004411
ntp server	ntp server ip-address [key key-number]	EC004411
passive-interface	[no] passive-interface vlan vlan-id [no] passive-interface vlan vlan-id [ip-address] [no] passive-interface vlan vlan-id [ipv6-address]	EC004411
passive-interface (OSPFv3)	[no] passive-interface vlan vlan-id [no] passive-interface vlan vlan-id [ip-address] [no] passive-interface vlan vlan-id [ipv6-address]	EC004411
passive-interface default	passive-interface default	EC000499
port-channel load-balance	port channel load-balance {dst-ip   dst-mac   src-dst-ip   src-dst-mac   src-ip   src-mac}	EC004411
port-channel min-links	port-channel min-links 1-8	EC000001
priority-flow-control mode	priority-flow-control mode {on   off}	EC000001
radius-server host	[no] radius-server index host host-ip-address [acct-port acct-port] [authport auth-port] [key key] [retransmit retransmit] [timeout timeout]	EC004411
radius-server key	radius-server key key-string	EC004411
radius-server retransmit	radius-server retransmit number-of-retries	EC004411
radius-server timeout	radius-server timeout number-of-seconds	EC004411
route-map	[no] route-map map-name {deny   permit} sequence-number	EC004411
router bgp	[no] router bgp as-number	EC004411
router ospf	[no] router ospf [process-id]	EC004411
router-id	router-id ip-address	EC004411
router-id (OSPFv3)	router-id ip-address	EC004411
show arp	show arp	EC004411
show clock	show clock	EC000001
show dot1q-tunnel	show dot1q-tunnel [interface interface [service svid]   service [svid]]	EC004411
show dot1x	show dot1x [statistics] [interface interface] statistics - Displays dot1x status for each port. interface ethernet unit/port unit - Unit identifier. (Range: 1-8) port - Port number. (Range: 1-28 (53))	EC004411
show dot1x statistics	show dot1x [statistics] [interface interface] statistics - Displays dot1x status for each port. interface ethernet unit/port unit - Unit identifier. (Range: 1-8) port - Port number. (Range: 1-28 (53))	EC004411
show flowcontrol **	show flowcontrol [slot/port]	EC000499
show hosts	show hosts	EC004411
show interfaces status	show interfaces status [interface]	EC004411
show interfaces switchport	show interfaces switchport [interface]	EC004411
show interfaces transceiver	show interfaces transceiver [interface]	EC004411
show ip access-lists	show ip access-lists [accesslistnumber   name]	EC000001
show ip bgp	show ip bgp ip-address [netmask [longer-prefixes]]	EC004411
show ip bgp community	show ip bgp community [[[AA:NN] [internet] [local-as] [no-advertise] [no-export] [exact-match]]]	EC004411
show ip bgp neighbors	show ip bgp neighbors [ip-address [advertised-routes   received-prefix-filter   received-routes   routes]]	EC004411
show ip bgp summary	show ip bgp summary	EC004411
show ip dhcp snooping	show ip dhcp snooping	EC004411
show ip helper-address	[no] ip helper-address ip-address  show ip helper	EC004411
show ip igmp snooping	show ip igmp snooping [vlan vlan-id]	EC004411
show ip igmp snooping mrouter	show ip igmp snooping mrouter [vlan vlan-id]	EC004411
show ip interface	show ip interface	EC004411
show ip interface brief	show ip interface brief	EC000499
show ip ospf	show ip ospf [process-id]	EC004411
show ip ospf database database-summary	show ip ospf database database-summary	EC000499
show ip ospf interface	show ip ospf interface [vlan vlan-id]	EC004411
show ip ospf neighbor	show ip ospf [process-id] neighbor	EC004411

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**AMENDED APPENDIX H.EC - Edge-Core Usage of Disputed CLI Commands**

show ip route	show ip route [bgp   connected   database   ospf   rip   static   summary]	EC004411
show ip route summary	show ip route summary	EC004411
show ipv6 access-list	show ipv6 access-list {standard   extended} [acl-name]	EC004411
show ipv6 interface	show ipv6 interface [brief [vlan vlan-id [ipv6-prefix/prefix-length]]]	EC004411
show ipv6 neighbors	show ipv6 neighbors [vlan vlan-id   ipv6-address]	EC004411
show ipv6 ospf	show ipv6 ospf	EC004411
show ipv6 ospf interface	show ipv6 ospf interface [vlan vlan-id]	EC004411
show ipv6 ospf neighbor	show ipv6 ospf [tag process-id] neighbor	EC004411
show ipv6 route	show ipv6 route [ipv6-address[/prefix-length] database   interface [vlan vlan-id]   local   ospf   static]	EC004411
show ipv6 route summary	show ipv6 route [(ipv6-address [protocol]   {{ipv6-prefix/ipv6-prefix-length   slot/port   vlan 1-4093} [protocol]   protocol   summary} [all]   all)]	EC000499
show lacp counters	show lacp [port-channel] {counters   internal   neighbors   sys-id}	EC004411
show lldp	show lldp	EC000001
show mac access-lists	show mac access-list [acl-name]	EC004411
show mac-address-table	show mac-address-table [address mac-address [mask]] [interface interface] [vlan vlan-id] [sort {address   vlan   interface}]	EC004411
show mac-address-table aging time	show mac-address-table aging-time	EC004411
show mac-address-table count	show mac-address-table count [interface interface]	EC004411
show monitor session	show monitor session session-id	EC000001
show policy-map interface	show policy-map interface interface input	EC004411
show port-security	show port security [interface interface]	EC004411
show port-security interface	show port security [interface interface]	EC004411
show privilege	show privilege [command]	EC004411
show qos maps	show qos map cos-dscp interface interface	EC004411
show reload	show reload	EC004411
show snmp	show snmp	EC004411
show snmp engineID	show snmp engine-id	EC004411
show snmp group	show snmp group	EC004411
show snmp source-interface	show snmp source-interface	EC000001
show snmp user	show snmp user	EC004411
show snmp view	show snmp view	EC004411
show spanning-tree	show spanning-tree [interface   mst instance-id   brief   stp-enabled-only]	EC004411
show spanning-tree mst configuration	show spanning-tree mst configuration	EC004411
show storm-control	show storm-control [all   slot/port]	EC000001
show users	show users	EC004411
show version	show version	EC004411
show vlan	show vlan [id vlan-id   name vlan-name]	EC004411
show vlan internal usage	show vlan internal usage	EC000001
snmp-server community	snmp-server community string {ro   rw}	EC004411
snmp-server contact	snmp-server contact string	EC004411
snmp-server enable traps	[no] snmp-server enable traps {authentication   link-up-down   ethernet cfm   mac-notification [interval seconds]}	EC004411
snmp-server engineID local	snmp-server engine-id {local   remote {ip-address}} engineid-string	EC004411
snmp-server engineID remote	snmp-server engine-id {local   remote {ip-address}} engineid-string	EC004411
snmp-server group	snmp-server group groupname {v1   v2c   v3 {auth   noauth   priv}} [read readview] [write writeview] [notify notifyview]	EC004411
snmp-server host	snmp-server host host-addr [inform {retry retries   timeout seconds}] community string [version {1   2c   3 {auth   noauth   priv} [udp-port port]}]	EC004411
snmp-server location	snmp-server location text	EC004411
snmp-server user	snmp-server user username groupname {v1   v2c   v3 [encrypted] [auth {md5   sha} auth-password [priv des56 priv-password]]}	EC004411
snmp-server view	snmp-server view view-name oid-tree {included   excluded}	EC004411
spanning-tree bpdupfilter	[no] spanning-tree bpdup-filter	EC004411
spanning-tree bpduguard	spanning-tree bpduguard [auto-recovery [interval interval]]	EC004411
spanning-tree cost	spanning-tree cost cost	EC004411
spanning-tree guard	spanning-tree guard {none   root   loop}	EC000001
spanning-tree link-type	spanning-tree link-type {auto   point-to-point   shared}	EC004411
spanning-tree mode	spanning-tree mode {stp   rstp   mstp}	EC004411
spanning-tree mst configuration	spanning-tree mst configuration	EC004411
spanning-tree port-priority	spanning-tree port-priority	EC004411
switchport mode	switchport mode {access   hybrid   trunk}	EC004411
tacacs-server host	tacacs-server index host host-ip-address [key key] [port port-number] [retransmit retransmit] [timeout timeout]	EC004411
tacacs-server key	tacacs-server key key-string	EC004411
tacacs-server timeout	tacacs-server timeout number-of-seconds	EC004411
terminal length	terminal {escape-character {ASCII-number   character}   history [size size]   length length   terminal-type {ansi-bbs   vt-100   vt-102}   width width}	EC004411
timers bgp	timers bgp keepalive-time hold-time	EC004411
vlan internal allocation policy	vlan internal allocation {base vlan-id   policy ascending   policy decending}	EC000499

\*\* Based on Exhibit Copying-2 to the Almeroth Opening Report, this command abstraction is not used by Cisco, but it is what Cisco and Prof. Almeroth accuses Arista EOS of using.

Total of 224 command abstractions listed above.

Disputed Cisco Command	Ericsson Command Syntax	Ericsson Manual Bates Number
area default-cost	area <area-id> default-cost <cost>	ARISTANDCA13256136
area nssa	[no] area <area-id> nssa [no-redistribution] [default- information-originate]	ARISTANDCA13256136
area nssa default-information-originate	[no] area <area-id> nssa [no-redistribution] [default- information-originate]	ARISTANDCA13256136
area range	[no] area <area-id> range <ip-address> <netmask> [advertise   not-advertise]	ARISTANDCA13256136
area stub	[no] area <area-id> stub [summary]	ARISTANDCA13256136
arp timeout	arp timeout <seconds>	ARISTANDCA13257362
boot system	boot system {boot-rom   config   opcode}: <filename>	ARISTANDCA13256136
channel-group	channel-group <channel-id>	ARISTANDCA13256136
clear arp-cache	clear arp-cache	ARISTANDCA13256136
clear counters	clear counters <interface>	ARISTANDCA13256136
clear ip igmp group	clear ip igmp group [<group-address>   interface vlan <vlan-id>]	ARISTANDCA13256136
clear mac-address-table dynamic	clear mac-address-table dynamic	ARISTANDCA13256136
clear spanning-tree counters	clear spanning-tree counters	ARISTANDCA13257362
clock set	clock set hh:mm:ss day month year	ARISTANDCA13257362
clock timezone	clock timezone <name> hour <hours> minute <minutes> {before-utc   after-utc}	ARISTANDCA13256136
default-information originate (OSPF)	default-information originate [always] [metric <interface-metric>] [metric-type <metric-type>]	ARISTANDCA13256136
dot1x port-control	dot1x port-control {auto   force-authorized   force- unauthorized}	ARISTANDCA13256136
dot1x reauthentication	[no] dot1x re-authentication	ARISTANDCA13256136
dot1x system-auth-control	[no] dot1x system-auth-control	ARISTANDCA13256136
dot1x timeout quiet-period	dot1x timeout quiet-period <seconds>	ARISTANDCA13256136
dot1x timeout reauth-period	dot1x timeout re-authperiod <seconds>	ARISTANDCA13256136
dot1x timeout tx-period	dot1x timeout tx-period <seconds>	ARISTANDCA13256136
flowcontrol receive	flowcontrol { send   receive} { on   off }	ARISTANDCA13257362
flowcontrol send	flowcontrol { send   receive} { on   off }	ARISTANDCA13257362
interface ethernet	interface [gigabitetherne t  fastethernet] <interface-id>	ARISTANDCA13257362
interface port-channel	interface port- channel <port- channel-id>	ARISTANDCA13257362
interface vlan	interface vlan <interface-id>	ARISTANDCA13257362
ip access-group	[no] ip access-group <acl_name> {in   out}	ARISTANDCA13256136
ip address	ip address [<ip-address> <netmask>   bootp   dhcp] [secondary]	ARISTANDCA13256136
ip domain lookup	[no] ip domain-lookup	ARISTANDCA13256136
ip domain-name	ip domain-name <name>	ARISTANDCA13256136
ip host	[no] ip host <name> <address1> [<address2> ... <address8>]	ARISTANDCA13256136
ip igmp last-member-query-interval	ip igmp last-memb-query-interval <seconds>	ARISTANDCA13256136
ip igmp query-interval	ip igmp query-interval <seconds>	ARISTANDCA13256136
ip igmp snooping	[no] ip igmp snooping	ARISTANDCA13256136
ip igmp snooping querier	[no] ip igmp snooping querier	ARISTANDCA13256136
ip igmp snooping vlan mrouter	[no] ip igmp snooping vlan <vlan-id> mrouter <interface>	ARISTANDCA13256136
ip igmp snooping vlan static	[no] ip igmp snooping vlan <vlan-id> static <ip-address> <interface>	ARISTANDCA13256136
ip igmp version	ip igmp snooping version {1   2   3}	ARISTANDCA13256136
ip multicast-routing	[no] ip multicast-routing	ARISTANDCA13256136
ip name-server	[no] ip name-server <server-address1> [<server-address2> ... <server-address6>]	ARISTANDCA13256136
ip ospf authentication	ip ospf authentication [message-digest   null]	ARISTANDCA13256136
ip ospf authentication-key	ip ospf authentication-key <key>	ARISTANDCA13256136
ip ospf cost	ip ospf cost <cost>	ARISTANDCA13256136
ip ospf dead-interval	ip ospf dead-interval <seconds>	ARISTANDCA13256136
ip ospf hello-interval	ip ospf hello-interval <seconds>	ARISTANDCA13256136
ip ospf message-digest-key	ip ospf message-digest-key <key-id> md5 <key>	ARISTANDCA13256136
ip ospf priority	ip ospf priority <priority>	ARISTANDCA13256136
ip ospf retransmit-interval	ip ospf retransmit-interval <seconds>	ARISTANDCA13256136
ip ospf transmit-delay	ip ospf transmit-delay <seconds>	ARISTANDCA13256136
ip pim bsr-candidate	ip pim bsr-candidate vlan <vlan-id> [hash-mask-length <hash-mask-length>] [priority <priority>]	ARISTANDCA13256136
ip pim dr-priority	ip pim dr-priority <priority-value>	ARISTANDCA13256136
ip pim rp-address	ip pim rp-address <rp-address> [<group-address mask>] [override]	ARISTANDCA13256136
ip pim rp-candidate	ip pim rp-candidate vlan <vlan-id> [<group-address mask>] [priority <priority>]	ARISTANDCA13256136
ip pim sparse-mode	[no] ip pim sparse-mode	ARISTANDCA13256136
ip pim spt-threshold	[no] ip pim spt-threshold infinity [<group-address mask>]	ARISTANDCA13256136
ip proxy-arp	[no] ip proxy-arp	ARISTANDCA13256136
ip route	ip route [<destination-ip> <netmask>   default] [gateway] [metric <metric>]	ARISTANDCA13256136
ip routing	[no] ip routing	ARISTANDCA13256136
lACP port-priority	lACP {actor   partner} port-priority <priority>	ARISTANDCA13256136
lACP system-priority	lACP {actor   partner} system-priority <priority>	ARISTANDCA13256136
logging host	[no] logging host <host_ip_address>	ARISTANDCA13256136
mac access-group	[no] mac access-group <acl_name> {in   out}	ARISTANDCA13256136

mac-address	mac-address <mac-address>	ARISTANDCA13256136
mac-address-table aging-time	mac-address-table aging-time <seconds>	ARISTANDCA13256136
mac-address-table static	mac-address-table static <mac-address> interface <interface> vlan <vlan-id> [action]	ARISTANDCA13256136
network area	[no] network <ip-address> <netmask> area <area-id>	ARISTANDCA13256136
no snmp-server	[no] snmp-server	ARISTANDCA13256136
port-channel load-balance	port-channel load-balance {src-mac   dest-mac   src-dest-mac   src-ip   dest-ip   src-dest-ip } [ <port-channel-id> ]	ARISTANDCA13257362
private-vlan	private-vlan <vlan-id> {primary   isolated}	ARISTANDCA13256136
radius-server host	[no] radius-server <index> host {<host_ip_address>   <host_alias>} [auth-port <auth_port>] [timeout <timeout>] [retransmit <retransmit>] [key <key>]	ARISTANDCA13256136
radius-server key	[no] radius-server <index> host {<host_ip_address>   <host_alias>} [auth-port <auth_port>] [timeout <timeout>] [retransmit <retransmit>] [key <key>]	ARISTANDCA13256136
radius-server retransmit	[no] radius-server <index> host {<host_ip_address>   <host_alias>} [auth-port <auth_port>] [timeout <timeout>] [retransmit <retransmit>] [key <key>]	ARISTANDCA13256136
radius-server timeout	[no] radius-server <index> host {<host_ip_address>   <host_alias>} [auth-port <auth_port>] [timeout <timeout>] [retransmit <retransmit>] [key <key>]	ARISTANDCA13256136
router ospf	[no] router ospf	ARISTANDCA13256136
router rip	[no] router rip	ARISTANDCA13256136
router-id	router-id <ip-address>	ARISTANDCA13256136
show arp	show arp	ARISTANDCA13256136
show clock	show clock	ARISTANDCA13257362
show dot1q-tunnel	show dot1q-tunnel	ARISTANDCA13256136
show dot1x	show dot1x [statistics] [interface <interface>]	ARISTANDCA13256136
show dot1x statistics	show dot1x [statistics] [interface <interface>]	ARISTANDCA13256136
show etherchannel	show etherchannel [[<port-channel-id>] { detail   load-balance   port   port-channel   summary   protocol}]	ARISTANDCA13257362
show hosts	show hosts	ARISTANDCA13256136
show interfaces	show interfaces status [interface]// show interfaces counters [interface] // show interfaces switchport [interface] //	ARISTANDCA13256136
show interfaces status	show interfaces status [interface]	ARISTANDCA13256136
show interfaces switchport	show interfaces switchport [interface]	ARISTANDCA13256136
show ip arp	show ip arp [ Vlan <vlan-id>   <ip-address>   <aa:aa:aa:aa:aa:aa>   summary   information ]	ARISTANDCA13257362
show ip igmp groups	show ip igmp groups [<group-address>   interface vlan <vlan-id>]	ARISTANDCA13256136
show ip igmp interface	show ip igmp interface [vlan <vlan-id>]	ARISTANDCA13256136
show ip igmp snooping	show ip igmp snooping	ARISTANDCA13256136
show ip igmp snooping groups	show ip igmp snooping groups [Vlan <vlan-id> [Group <ip-address >]]	ARISTANDCA13257362
show ip igmp snooping mrouter	show ip igmp snooping mrouter [vlan <vlan-id>]	ARISTANDCA13256136
show ip interface	show ip interface [Vlan <vlan-id>]	ARISTANDCA13257362
show ip mroute	show ip mroute [<group-address> <source>] [summary]	ARISTANDCA13256136
show ip ospf	show ip ospf	ARISTANDCA13256136
show ip ospf border-routers	show ip ospf border-routers	ARISTANDCA13256136
show ip ospf database database-summary	show ip ospf [area-id] database [database-summary]	ARISTANDCA13256136
show ip ospf interface	show ip ospf interface [vlan <vlan-id>]	ARISTANDCA13256136
show ip ospf neighbor	show ip ospf neighbor	ARISTANDCA13256136
show ip pim interface	show ip pim interface <vlan-id>	ARISTANDCA13256136
show ip pim neighbor	show ip pim neighbor [ip-address]	ARISTANDCA13256136
show ip pim rp-hash	show ip pim rp-hash <group-address>	ARISTANDCA13256136
show ip route	show ip route [config   <address> [netmask]]	ARISTANDCA13256136
show lacp counters	show lacp [<port-channel>] {counters   internal   neighbors   sys-id}	ARISTANDCA13256136
show lacp neighbor	show lacp [<port-channel>] {counters   internal   neighbors   sys-id}	ARISTANDCA13256136
show mac-address-table	show mac-address-table [address <mac-address> [mask]] [interface <interface>] [vlan <vlan-id>][sort {address   vlan   interface}]	ARISTANDCA13256136
show mac-address-table aging time	show mac-address-table aging-time	ARISTANDCA13256136
show mac-address-table count	show mac-address-table count [vlan <vlan-id>]	ARISTANDCA13257362
show policy-map interface	show policy-map interface interface input	ARISTANDCA13256136
show privilege	show privilege	ARISTANDCA13257362
show snmp	show snmp	ARISTANDCA13256136
show snmp community	show snmp community	ARISTANDCA13257362
show snmp engineID	show snmp engine-id	ARISTANDCA13256136
show snmp group	show snmp group	ARISTANDCA13256136
show snmp user	show snmp user	ARISTANDCA13256136
show snmp view	show snmp view	ARISTANDCA13256136
show spanning-tree	show spanning-tree [interface] mst <instance_id>	ARISTANDCA13256136
show spanning-tree blockedports	show spanning-tree [ summary   blockedports   pathcost method ]	ARISTANDCA13257362
show spanning-tree bridge	show spanning-tree bridge [address   forward-time   hello-time   id   max-age   protocol   priority   detail ]	ARISTANDCA13257362
show spanning-tree interface	show spanning-tree interface <interface-type> <interface-id> [ cost   priority   portfast   rootcost   state   stats   detail ]	ARISTANDCA13257362
show spanning-tree mst	show spanning-tree [interface] mst <instance_id>	ARISTANDCA13256136

show spanning-tree mst configuration	show spanning-tree mst configuration	ARISTANDCA13256136
show spanning-tree root	show spanning-tree root [ address   cost   forward-time   hello-time   id   max-age   port   priority   detail ]	ARISTANDCA13257362
show users	show users	ARISTANDCA13257362
show version	show version	ARISTANDCA13256136
show vlan	show vlan [brief   id <vlan-id>   summary]	ARISTANDCA13257362
show vlan private-vlan	show vlan private-vlan [primary   isolated]	ARISTANDCA13256136
show vlan summary	show vlan [brief   id <vlan-id>   summary]	ARISTANDCA13257362
show vrrp	show vrrp [brief   <group>]	ARISTANDCA13256136
snmp-server community	snmp-server community <string> [ro   rw]	ARISTANDCA13256136
snmp-server contact	snmp-server contact <string>	ARISTANDCA13256136
snmp-server enable traps	[no] snmp-server enable traps [authentication   link-up-down]	ARISTANDCA13256136
snmp-server engineID local	snmp-server engine-id [local   remote {<ip-address>}] <engineid-string>	ARISTANDCA13256136
snmp-server engineID remote	snmp-server engine-id [local   remote {<ip-address>}] <engineid-string>	ARISTANDCA13256136
snmp-server group	snmp-server group <groupname> {v1   v2c   v3 {auth   noauth   priv}} [read <readview>] [write <writeview>] [notify <notifyview>]	ARISTANDCA13256136
snmp-server host	snmp-server host <host-addr> [inform [retry <retries>   timeout <seconds>]] <community-string> [version {1   2c   3 {auth   noauth   priv}} [udp-port <port>]]	ARISTANDCA13256136
snmp-server location	snmp-server location <text>	ARISTANDCA13256136
snmp-server user	snmp-server user <username> <groupname> [remote <ip-address>] {v1   v2c   v3 [encrypted] [auth {md5   sha} <auth-password> [priv des56 <priv-password>]]	ARISTANDCA13256136
snmp-server view	snmp-server view <view-name> <oid-tree> {included   excluded}	ARISTANDCA13256136
spanning-tree cost	spanning-tree cost <cost>	ARISTANDCA13256136
spanning-tree link-type	spanning-tree link-type {auto   point-to-point   shared}	ARISTANDCA13256136
spanning-tree mode	spanning-tree mode {stp   rstp   mstp}	ARISTANDCA13256136
spanning-tree mst configuration	spanning-tree mst-configuration	ARISTANDCA13256136
spanning-tree port-priority	spanning-tree port-priority <priority>	ARISTANDCA13256136
spanning-tree transmit hold-count	spanning-tree transmit hold-count <value>	ARISTANDCA13257362
storm-control	storm-control { broadcast   multicast   dlf } level <rate-value>	ARISTANDCA13257362
switchport mode	switchport mode {hybrid   trunk   private-vlan   dot1q-tunnel}	ARISTANDCA13256136
switchport private-vlan mapping	switchport private-vlan mapping <primary-vlan-id>	ARISTANDCA13256136
tacacs-server host	tacacs-server host <host_ip_address>	ARISTANDCA13256136
tacacs-server key	tacacs-server key <key_string>	ARISTANDCA13256136
timers basic (RIP)	timers basic <update-seconds>	ARISTANDCA13256136
vrrp authentication	vrrp <group> authentication <key>	ARISTANDCA13256136
vrrp ip	[no] vrrp <group> ip <ip-address>	ARISTANDCA13256136
vrrp preempt	vrrp <group> preempt [delay <seconds>]	ARISTANDCA13256136
vrrp priority	vrrp <group> priority <level>	ARISTANDCA13256136
vrrp timers advertise	vrrp <group> timers advertise <interval>	ARISTANDCA13256136

Total of 157 command abstractions listed above.



Disputed Cisco Command	Extreme/Enterasys Command Syntax	Extreme/Enterasys Manual Bates Number
address-family	address-family {ipv4 {unicast   multicast}}	EXNET-ARISTA0034418 (Enterasys X-Series Router)
aggregate-address	aggregate-address { address [mask   masklen]   prefix } protocol {aggregate   all   bgp   direct   isis   kernel   ospf   rip   static} [match-map map_name] [rib {unicast   multicast   unicast-multicast}] [preference pref] [generate] [noinstall] [blackhole] [bgp] [brief]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
area nssa	area area-id nssa [metric] [metric-type]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
area range	area area_id range ip_address mask [no-advertise]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
area stub	area area_id stub [metric]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
arp timeout	arp timeout <TIME>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
banner motd	banner motd <LINE>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
bgp cluster-id	bgp cluster-id router-id	EXNET-ARISTA0034418 (Enterasys X-Series Router)
boot system	boot system {primary secondary} {on <DEVICE-NAME>}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
channel-group	channel-group <1-5>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
clear arp-cache	clear arp-cache {on <DEVICE-NAME>}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
clear counters	clear counters [all bridge router thread]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
clear ip arp	clear ip arp [vrf name] [ip_address]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
clear ip bgp	clear ip bgp {peer   *} [soft]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
clear ip igmp group	clear ip igmp group [group-name][group-address]   [interface]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
clear ip mroute	clear ip mroute [vrf name] [group [source]]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
clear ipv6 neighbors	clear ipv6 neighbors	EXNET-ARISTA0034418 (Enterasys X-Series Router)
clear mac-address-table dynamic	clear mac-address-table [dynamic multicast static] [address <address>] [bridge <1-3>]	EXNET-ARISTA0054421
clear spanning-tree counters	clear spanning-tree counters [{all   diagnostics   domains   ports}]	EXNET-ARISTA0054385
clock set	clock set <HH:MM:SS> <1-31> <MONTH> <1993-2035> {on <DEVICE-NAME>} clock set <hh:mm:ss d m y>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252; ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
default-information originate (OSPF)	default-information originate [always metric <0-16777214> metric-type{1 2}]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
default-metric	default-metric metric_value (RIP) default-metric metric_value (OSPF) default-metric metric (bgp)	EXNET-ARISTA0034418 (Enterasys X-Series Router)
domain-name	domain-name domain	EXNET-ARISTA0034418 (Enterasys X-Series Router)
errdisable recovery cause	errdisable recovery [cause bpdguard interval <10-1000000>]	EXNET-ARISTA0054421
errdisable recovery interval	errdisable recovery [cause bpdguard interval <10-1000000>]	EXNET-ARISTA0054421
interface ethernet	Switch:Legacy(config)# interface ethernet <interface-number>	EXNET-ARISTA0054385
interface vlan	interface <INTERFACE>   vlan <1-4094>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
ip access-group	ip access-group [<1-99> <100-199> <1300-1999> <2000-2699> WORD in]	EXNET-ARISTA0054421
ip access-list standard	ip access-list standard (number   name)	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip address	ip address [<IP/M> {secondary}] [dhcp zerconf {secondary}]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
ip as-path access-list	ip as-path access-list name [{ permit   deny   regexp origin}] {named as-path-name}	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip community-list standard	ip community-list name {permit   deny} {comm-set commset_name} [exact] [standard   extended]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip helper-address	ip helper-address <IP>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
ip igmp last-member-query-count	ip igmp last-member-query-count value	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip igmp last-member-query-interval	ip igmp last-member-query-interval milliseconds	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip igmp query-interval	ip igmp query-interval seconds	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip igmp query-interval-response-time	ip igmp query-max-response-time time-seconds	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip igmp snooping	ip igmp snooping {unknown-multicast-fwd}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
ip igmp snooping querier	ip igmp snooping querier {max-response-time <1-25> query-interval <1-18000> ro	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
ip igmp startup-query-count	ip igmp startup-query-count value	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip igmp startup-query-interval	ip igmp startup-query-interval deciseconds	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip igmp static-group	ip igmp static-group group-address [source source-address]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip igmp version	ip igmp version [ 1   2   3 ]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip multicast boundary	ip multicast boundary <group-address> <mask-length>	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip name-server	ip name-server {on <DEVICE-NAME>}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
ip nat pool	ip nat pool <NAT-POOL-NAME>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
ip ospf authentication	ip ospf authentication {simple key   md5 id_number md5_key [start-generate date_time] [stop-generate date_time] [start-accept date_time] [stop-accept date_time]}	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip ospf cost	ip ospf cost cost_value	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip ospf dead-interval	ip ospf dead-interval time-seconds	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip ospf hello-interval	ip ospf hello-interval time-seconds	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip ospf network	ip ospf network {point-to-multipoint   nonbroadcast}	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip ospf priority	ip ospf priority level	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip ospf retransmit-interval	ip ospf retransmit-interval time-seconds	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip ospf transmit-delay	ip ospf transmit-delay time-seconds	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip pim bsr-border	ip pim bsr-border	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip pim bsr-candidate	ip pim bsr-candidate interface	EXNET-ARISTA0034418 (Enterasys X-Series Router)



ip pim rp-address	ip pim rp-address address group prefix	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip pim rp-candidate	ip pim rp-candidate interface	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip pim sparse-mode	ip pim sparse-mode	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip prefix-list	ip prefix-list list_id [seq seq_value] [deny   permit] {network/masklen} [ge length] [le length]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip proxy-arp	ip proxy-arp [default-route]   [local]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ip route	ip route <IP/M> <IP>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
ip routing	ip routing {on <DEVICE-NAME>}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
ipv6 address	ipv6 address [ipv6-link-local   <ipv6-address> <ipv6netmask>]	EXNET-ARISTA0054385
ipv6 dhcp relay destination	ipv6 dhcp relay destination {address ipv6-addr [interface port-string]}   [interface port-string]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ipv6 nd managed-config-flag	ipv6 nd managed-config-flag	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ipv6 nd ns-interval	ipv6 nd ns-interval {msec}	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ipv6 nd other-config-flag	ipv6 nd other-config-flag	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ipv6 nd ra suppress	ipv6 nd ra suppress	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ipv6 nd ra interval	ipv6 nd ra interval max-sec [min-sec]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ipv6 nd reachable-time	ipv6 nd reachable-time msec [advertise   no-advertise]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ipv6 neighbor	ipv6 neighbor ipv6-addr port-string MAC-address	EXNET-ARISTA0034418 (Enterasys X-Series Router)
ipv6 route	[no] ipv6 route ipv6-prefix/prefix-length {next-hop-addr   interface [ipv6-lldrr]} [distance] [metric metric] [blackhole] [noinstall] [reject] [retain] [tag value] [unicast]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
isis hello-interval	isis hello-interval time-seconds {level-1   level-1-2   level-2} [instance-id]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
isis hello-multiplier	isis hello-multiplier number {level-1   level-1-2   level-2} [instance-id]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
isis lsp-interval	isis lsp-interval time-milliseconds [instance-id]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
isis metric	isis metric cost {level-1   level-1-2   level-2} [instance-id]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
isis passive	isis passive [instance-id]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
isis priority	isis priority number {level-1   level-1-2   level-2} [instance-id]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
is-type	is-type {level-1   level-1-2   level-2}	EXNET-ARISTA0034418 (Enterasys X-Series Router)
lacp port-priority	lacp port-priority <priority>	EXNET-ARISTA0054385
lldp holdtime	lldp {holdtime <10-1800>   run   timer <5-900>}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
lldp receive	lldp [receive] [transmit]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
lldp run	lldp {holdtime <10-1800>   run   timer <5-900>}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
lldp timer	lldp {holdtime <10-1800>   run   timer <5-900>}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
lldp transmit	lldp [receive] [transmit]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
logging host	logging host <IP>	EXNET-ARISTA0054421
mac access-group	mac access-group <acl-name> in	EXNET-ARISTA0054421
mac-address-table aging-time	mac-address-table aging-time [0] <10-1000000>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
mac-address-table static	mac-address-table static <MAC> vlan <1-4094> interface <L2-INTERFACE> [ge <1-4>]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
mac-address	mac-address mac-address	EXNET-ARISTA0034418 (Enterasys X-Series Router)
neighbor activate	neighbor {ip_address   groupID} activate	EXNET-ARISTA0034418 (Enterasys X-Series Router)
neighbor local-as	neighbor {ip_address   groupID} local-as as-num	EXNET-ARISTA0034418 (Enterasys X-Series Router)
neighbor password	neighbor {ip_address   groupID} password key	EXNET-ARISTA0034418 (Enterasys X-Series Router)
neighbor peer-group	neighbor {ip_address   groupID} peer-group	EXNET-ARISTA0034418 (Enterasys X-Series Router)
neighbor remote-as	neighbor {ip_address   groupID} remote-as as-num	EXNET-ARISTA0034418 (Enterasys X-Series Router)
neighbor remove-private-as	neighbor {ip_address   groupID} remove-private-as	EXNET-ARISTA0034418 (Enterasys X-Series Router)
neighbor route-map	neighbor {ip_address   groupID} route-map rm-name {in   out}	EXNET-ARISTA0034418 (Enterasys X-Series Router)
neighbor route-reflector-client	neighbor {ip_address   groupID} route-reflector-client meshed	EXNET-ARISTA0034418 (Enterasys X-Series Router)
neighbor send-community	neighbor {ip_address   groupID} send-community	EXNET-ARISTA0034418 (Enterasys X-Series Router)
neighbor timers	neighbor {ip_address   groupID} timers {keepalive_value holdtime_value}	EXNET-ARISTA0034418 (Enterasys X-Series Router)
neighbor update-source	neighbor {ip_address   groupID} update-source source_addr	EXNET-ARISTA0034418 (Enterasys X-Series Router)
no snmp-server	no snmp-server [community <WORD>] [enable {throttle traps}] host <IP> port <1-65535>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
ntp authenticate	ntp authenticate	EXNET-ARISTA0054421
ntp authentication-key	ntp authentication-key <key> md5 [0 <secret>   2 <secret>   <secret>]	EXNET-ARISTA0054421
ntp server	ntp server <IP> {autokey [prefer version <1-4>]   version <1-4>}]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
ntp trusted-key	ntp trusted-key <1-65534>	EXNET-ARISTA0054421
port-channel load-balance	port-channel load-balance {src-dst-ip src-dst-mac}	EXNET-ARISTA0054421
route-map	route-map <1-100>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
router bgp	router bgp as_number	EXNET-ARISTA0034418 (Enterasys X-Series Router)
router rip	router rip	EXNET-ARISTA0034418 (Enterasys X-Series Router)
router-id	router id rid_value	EXNET-ARISTA0034418 (Enterasys X-Series Router)
set-overload-bit	set-overload-bit {on-startup time-seconds}	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show clock	show clock {on <DEVICE-NAME>} show clock	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252; ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show environment temperature	show environment	EXNET-ARISTA0054421
show interfaces	show interfaces {<INTERFACE>} [brief] [counters] [ge <1-4>] [me1] [on   port-channel {<1-2>}] [switchport] [vlan <1-4094>] [on <DEVICE-NAME>] show interfaces accounting   <port-list>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252; ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show interfaces switchport	show interfaces {<INTERFACE>} [brief] [counters] [ge <1-4>] [me1] [on   port-channel {<1-2>}] [switchport] [vlan <1-4094>] [on <DEVICE-NAME>]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252

show ip arp	show ip arp {<VLAN-NAME> {on <DEVICE-NAME>}}{on <DEVICE-NAME>}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
show ip bgp	show ip bgp [<IPAddr><IPmask>] [to-file]	ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show ip bgp community	show ip bgp community {<community-id> <as-num> no export no-advertise no-export}	ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show ip bgp neighbors	show ip bgp neighbor <IPAddr> received-routes all-received-routes advertised-routes	ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show ip bgp paths	show ip bgp paths <ASpath> [to-file]	ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show ip bgp peer-group	show ip bgp peer-group external internal igmp routing [to-file]	ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show ip bgp regexp	show ip bgp regexp <exp>	ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show ip bgp summary	show ip bgp summary [to-file]	ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show ip helper-address	show ip helper-address	ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show ip igmp groups	show ip igmp groups <IPAddr>	ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show ip igmp interface	show ip igmp interface <port-list>	ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show ip igmp snooping	show ip igmp snooping [mrouter vlan]  show ip igmp snooping mrouter vlan <1-4095> {on <DEVICE-NAME>}  show ip igmp snooping vlan <1-4095> {<IP> {on <DEVICE-NAME>}}{on <DEVICE-NAME>}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
show ip igmp snooping mrouter	show ip igmp snooping [mrouter vlan]  show ip igmp snooping mrouter vlan <1-4095> {on <DEVICE-NAME>}  show ip igmp snooping vlan <1-4095> {<IP> {on <DEVICE-NAME>}}{on <DEVICE-NAME>}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
show ip interface	show ip interface {<INTERFACE> {on <DEVICE-NAME>}}[brief {on <DEVICE-NAME>}] show ip interface [interface-name] [brief]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252; EXNET-ARISTA0047042 (Enterasys)
show ip interface brief	show ip interface {<INTERFACE> {on <DEVICE-NAME>}}[brief {on <DEVICE-NAME>}] show ip interface [interface-name] [brief]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252; EXNET-ARISTA0047042 (Enterasys)
show ip mroute	show ip mroute [vrf vrf-name] [IP multicast address [Source IP address]]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show ip nat translations	show ip nat translations verbose {on <DEVICE-NAME>} ip nat translation {timeout   udp-timeout   tcp-timeout   icmp-timeout   dns-timeout   ftp-timeout} [seconds] no ip nat translation {timeout   udp-timeout   tcp-timeout   icmp-timeout   dns-timeout   ftp-timeout}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252; EXNET-ARISTA0047042 (Enterasys)
show ip ospf	show ip ospf	EXNET-ARISTA0047042 (Enterasys)
show ip ospf border-routers	show ip ospf border-routers	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show ip ospf interface	show ip ospf [border-router interface neighbor on route stats] show ip ospf interface [vlan vlan-id]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252; EXNET-ARISTA0047042 (Enterasys)
show ip ospf neighbor	show ip ospf [border-router interface neighbor on route stats]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
show ip ospf request-list	show ip ospf request-list [neighbor   interface   interface_neighbor]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show ip ospf retransmission-list	show ip ospf retransmission-list [neighbor   interface   interface_neighbor]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show ip pim interface	show ip pim interface [ipv4_addr   name] [detail]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show ip pim neighbor	show ip pim neighbor [name]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show ip pim rp	show ip pim rp	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show ip pim rp-hash	show ip pim rp-hash ipv4_address	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show ip prefix-list	show ip prefix-list [ list_id ] [ detail   summary ]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show ip rip database	show ip rip database [ipv4-address mask] [ tag value]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show ip route	show ip route {on <DEVICE-NAME>} show ip route [host [connected   host-address   dynamic   static]] [dest-address [prefix-mask]   prefix/prefix-length   connected   ospf   rip   static   summary]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252; EXNET-ARISTA0047042 (Enterasys)
show ip route summary	show ip route [host [connected   host-address   dynamic   static]] [dest-address [prefix-mask]   prefix/prefix-length   connected   ospf   rip   static   summary]	EXNET-ARISTA0047042 (Enterasys)
show ipv6 interface	show ipv6 interface [brief] [port-string] [  filter or capture parms]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show ipv6 neighbors	show ipv6 neighbors [ipv6-addr   port-string   host hostname] [  filter or capture parms]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show ipv6 route	show ipv6 route [ipv6-prefix/prefix-length] [connected] [static] [summary] [  filter or capture parms]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show isis database	show isis database [instance-id] [ 1   2 ]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show lacp counters	show lacp counters	EXNET-ARISTA0054385; EXNET-ARISTA0049358
show lldp neighbors	show lldp neighbors {on <DEVICE-NAME>}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
show mac-address-table	show mac-address-table {on <DEVICE-NAME>}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
show mac-address-table aging time	show mac-address-table aging-time	ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show monitor session	show monitor session	EXNET-ARISTA0054385
show ntp associations	show ntp [associations {detail on}] status {on <DEVICE-NAME>}}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252

show ntp status	show ntp [associations {detail on} status {on <DEVICE-NAME>}]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
show privilege	show privilege	EXNET-ARISTA0054421
show radius	show radius [configuration eap configuration group nas A.B.C.D/M proxy radius trust-point] show radius [state retries timeout server index all verbose]	EXNET-ARISTA0054421; EXNET-ARISTA0047042 (Enterasys)
show route-map	show route-map [name] [pinger]	EXNET-ARISTA0047042 (Enterasys)
show snmp	show snmp show snmp access  chassis-id  community  mibs  statistics  tfpt  trap	EXNET-ARISTA0054385; ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show snmp community	show snmp community [name]	EXNET-ARISTA0047042 (Enterasys)
show snmp engineid	show snmp engineid	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show snmp group	show snmp group [groupname groupname] [user user] [security-model {v1 v2c usm} [volatile nonvolatile]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show snmp trap	show snmp access  chassis-id  community  mibs  statistics  tfpt  trap	ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
show snmp user	show snmp user [snmpmanager snmpoperator snmptrap]	EXNET-ARISTA0054421
show snmp view	show snmp view [viewname] [subtree oid-or-mibobject] [volatile nonvolatile]	EXNET-ARISTA0034418 (Enterasys X-Series Router)
show spanning-tree	show spanning-tree mst [config detail instance]	EXNET-ARISTA0054421
show spanning-tree mst	show spanning-tree mst [config detail instance]	EXNET-ARISTA0054421
show spanning-tree mst configuration	show spanning-tree mst {configuration detail instance on}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
show spanning-tree mst interface	show spanning-tree mst {detail interface <INTERFACE> ge<1-4> me1 port-channel}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
show tacacs	show tacacs [state]	EXNET-ARISTA0047042 (Enterasys); EXNET-ARISTA0034418 (Enterasys X-Series Router)
show users	show users	EXNET-ARISTA0054421; EXNET-ARISTA0047042 (Enterasys)
show version	show version {on <DEVICE-NAME> show version}	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252; EXNET-ARISTA0047042 (Enterasys)
show vlan	show vlan <vlan-name> statistics (refresh) show vlan [static vlan-list]	EXNET-ARISTA0054385; EXNET-ARISTA0047042 (Enterasys)
show vrrp	show vrrp [brief details error-stats stats] show vrrp [interface <Ifnum>]  summary  verbose	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252; ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
snmp-server chassis-id	snmp-server chassis-id <sysName>	EXNET-ARISTA0054385
snmp-server community	snmp-server community <SNMP-COMMUNITY-STRING> [ro rw]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
snmp-server contact	snmp-server contact <contact-person>	EXNET-ARISTA0054421
snmp-server enable traps	snmp-server enable [throttle traps]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
snmp-server group	snmp-server group [[hex <hex_group_name>]   <group_name>] user [[hex <hex_user_name>]   <user_name>] {sec-model {snmpv1 snmpv2c usm} [volatile]	EXNET-ARISTA0054385
snmp-server host	snmp-server host <IP> [v2c v3] [<1-65535>]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
snmp-server location	snmp-server location <location-text>	EXNET-ARISTA0054421
snmp-server user	snmp-server user [snmpmanager snmpoperator snmptrap]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
snmp-server view	snmp-server view [[hex <hex_view_name>]   <view_name>] subtree <object_identifier> [/ <subtree_mask>] {type [included excluded]  [volatile]}	EXNET-ARISTA0054385
spanning-tree bpdudfilter	spanning-tree bpdudfilter [enable disable]	EXNET-ARISTA0054421
spanning-tree bpduguard	spanning-tree bpduguard [enable disable]	EXNET-ARISTA0054421
spanning-tree guard	spanning-tree guard root	EXNET-ARISTA0054421
spanning-tree link-type	spanning-tree link-type [point-to-point shared]	EXNET-ARISTA0054421
spanning-tree mst configuration	WMController(config)#spanning-tree mst configuration	EXNET-ARISTA0054421
spanning-tree portfast bpdudfilter default	spanning-tree portfast [bpdudfilter bpduguard] default	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
spanning-tree portfast bpduguard default	spanning-tree portfast [bpdudfilter bpduguard] default	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
storm-control	storm-control [arp broadcast multicast unicast]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
switchport access vlan	switchport access vlan <1-4094>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
switchport trunk allowed vlan	switchport trunk allowed vlan [<VLAN-ID> add <VLAN-ID> none remove <VLAN-ID>]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
switchport trunk native vlan	switchport trunk native [tagged vlan <1-4094>]	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252
terminal length	terminal [length width] <0-512>; terminal length <screen-length>	ARISTANDCA13262422; EXNET-ARISTA0057033; EXNET-ARISTA0014252; ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
terminal monitor	terminal monitor	ARISTANDCA13258142 (Enterasys); EXNET-ARISTA0003975 (Enterasys); EXNET-ARISTA0010769 (Enterasys); EXNET-ARISTA0011569 (Enterasys)
timers basic (RIP)	timers basic update-seconds expiration-seconds holddown-seconds	EXNET-ARISTA0034418 (Enterasys X-Series Router)
timers bgp	timers bgp [keepalive_value holdtime_value]	EXNET-ARISTA0034418 (Enterasys X-Series Router)

Total of 202 command abstractions listed above.

Disputed Cisco Command	Foundry Command Syntax	Foundry Manual Bates Number
aaa accounting	[no] aaa accounting exec default start-stop radius   tacacs+   none	ARISTANDCA_BROCADE000313978
aaa authentication login	[no] aaa authentication {snmp-server   web-server   enable   login   dot1x default <method1> [<method2>] [<method3>] [<method4>] [<method5>] [<method6>] [<method7>]}	ARISTANDCA_BROCADE00001802
address-family	address-family ipv4 unicast   ipv4 multicast   ipv6 unicast   vpnv4 unicast	ARISTANDCA_BROCADE00012094
aggregate-address	aggregate-address <ip-addr> <ip-mask> [as-set] [nlri multicast   unicast   multicast unicast] [summary-only] [suppress-map <map-name>] [advertise-map <map-name>] [attribute-map <map-name>]	ARISTANDCA_BROCADE00012094
area nssa	area <num>   <ip-addr> nssa <cost>   default-information-originate	ARISTANDCA_BROCADE00012094
area nssa (OSPFv3)	area <num>   <ip-addr> nssa <cost>   default-information-originate	ARISTANDCA_BROCADE00012094
area nssa default-information-originate	<b>area &lt;num&gt;   &lt;ip-addr&gt; nssa default-information-originate</b>	ARISTANDCA_BROCADE00012094
area nssa default-information-originate (OSPFv3)	<b>area &lt;num&gt;   &lt;ip-addr&gt; nssa default-information-originate</b>	ARISTANDCA_BROCADE00012094
area range	[no] area <num>   <ip-addr> range <ip-addr> <ip-mask> [advertise   not-advertise]	ARISTANDCA_BROCADE00012094
area range (OSPFv3)	[no] area <num>   <ip-addr> range <ip-addr> <ip-mask> [advertise   not-advertise]	ARISTANDCA_BROCADE00012094
area stub	area <num>   <ip-addr> [stub <cost> [no-summary]]	ARISTANDCA_BROCADE00012094
area stub (OSPFv3)	area <num>   <ip-addr> [stub <cost> [no-summary]]	ARISTANDCA_BROCADE00012094
banner motd	[no] banner <delimiting-character>   [motd <delimiting-character>]	ARISTANDCA_BROCADE00012094
bgp redistribute internal	[no] bgp redistribute-internal	ARISTANDCA_BROCADE00012094
clear ip msdp sa-cache	clear ip msdp sa-cache [<source-addr>   <group-addr>]	ARISTANDCA_BROCADE00012094
clock set	no] clock set <hh:mm:ss> <mm-dd-yy>   <mm-dd-yyyy>	ARISTANDCA_BROCADE00012094
clock timezone	[no] clock timezone gmt gmt   us <timezone>	ARISTANDCA_BROCADE00012094
default-information originate (OSPF)	[no] default-information-originate [always] [metric <value>] [metric-type <type>]	ARISTANDCA_BROCADE00012094
default-information originate (OSPFv3)	[no] default-information-originate [always] [metric <value>] [metric-type <type>]	ARISTANDCA_BROCADE00012094
default-metric (OSPF)	default-metric <value>	ARISTANDCA_BROCADE00012094
default-metric (OSPFv3)	default-metric <value>	ARISTANDCA_BROCADE00012094
domain-id	domain-id <domain_identifier>	ARISTANDCA_BROCADE00012094
dot1x port-control	[no] dot1x port-control [force-authorized   force-unauthorized   auto]	ARISTANDCA_BROCADE00012094
errdisable recovery cause	[no] errdisable recovery [cause < bpdguard   all >]	ARISTANDCA_BROCADE00012094
errdisable recovery interval	[no] errdisable recovery interval <seconds>	ARISTANDCA_BROCADE00012094
interface ethernet	[no] interface ethernet <portnum> [to <portnum>]	ARISTANDCA_BROCADE00012094
interface loopback	[no] interface loopback <num>	ARISTANDCA_BROCADE00012094
ip access-group	[no] ip access-group <num> in   out	ARISTANDCA_BROCADE00012094
ip access-list	[no] ip access-list extended   standard <string>   <num>[delete <line-number>   insert <line-number>   replace <line-number> [remark [<comment-text>] ] ] <options>	ARISTANDCA_BROCADE00012094
ip access-list standard	[no] ip access-list extended   standard <string>   <num>[delete <line-number>   insert <line-number>   replace <line-number> [remark [<comment-text>] ] ] <options>	ARISTANDCA_BROCADE00012094
ip address	[no] ip address <ip-addr>	ARISTANDCA_BROCADE00012094
ip community-list expanded	[no] ip community-list extended <string> [seq <seq-value>] deny   permit <community-num>   <regular-expression>	ARISTANDCA_BROCADE00012094
ip community-list standard	[no] ip community-list standard <string> [seq <seq-value>] deny   permit <community-num>	ARISTANDCA_BROCADE00012094
ip domain lookup	[no] ip domain-lookup <ip-address>   <host-name>	ARISTANDCA_BROCADE00012094
ip helper-address	ip helper-address <value> <ip-addr>	ARISTANDCA_BROCADE00012094
ip icmp redirect	[no] ip icmp redirects	ARISTANDCA_BROCADE00012094
ip igmp query-interval	[no] ip igmp query-interval <value>	ARISTANDCA_BROCADE00012094
ip igmp static-group	[no] ip igmp static-group <ip-addr> [ethernet <portnum>]	ARISTANDCA_BROCADE00012094
ip igmp version	[no] ip igmp version <version-number>	ARISTANDCA_BROCADE00012094
ip load-sharing	ip load-sharing <num>	ARISTANDCA_BROCADE00012094
ip multicast boundary	[no] ip multicast boundary <access-list-num>	ARISTANDCA_BROCADE00012094
ip multicast-routing	[no] ip multicast-routing	ARISTANDCA_BROCADE00012094
ip nat pool	[no] ip nat pool <pool-name> <start-ip> <end-ip> netmask <ip-mask>   prefix-length <length> [type match-host   rotary]	ARISTANDCA_BROCADE00012094
ip nat translation tcp-timeout	[no] ip nat translation timeout   udp-timeout   tcp-timeout   finrst-timeout   dns-timeout <secs>	ARISTANDCA_BROCADE00012094
ip nat translation udp-timeout	[no] ip nat translation timeout   udp-timeout   tcp-timeout   finrst-timeout   dns-timeout <secs>	ARISTANDCA_BROCADE00012094
ip ospf authentication-key	[no] ip ospf authentication-key [0   1] <string>	ARISTANDCA_BROCADE00012094
ip ospf cost	ip ospf cost <num>	ARISTANDCA_BROCADE00012094
ip ospf dead-interval	ip ospf dead-interval <value>	ARISTANDCA_BROCADE00012094
ip ospf hello-interval	ip ospf hello-interval <value>	ARISTANDCA_BROCADE00012094
ip ospf network	[no] ip ospf network [point-to-multipoint]	ARISTANDCA_BROCADE00012094
ip ospf priority	ip ospf priority <value>	ARISTANDCA_BROCADE00012094
ip ospf retransmit-interval	ip ospf retransmit-interval <value>	ARISTANDCA_BROCADE00012094
ip ospf transmit-delay	ip ospf transmit-delay <value>	ARISTANDCA_BROCADE00012094
ip pim dr-priority	[no] ip pim dr-priority <num>	ARISTANDCA_BROCADE00012094
ip prefix-list	[no] ip prefix-list <name> [seq <seq-value>] [description <string>] deny   permit <network-addr>/<mask> [<mask-bits>] [ge <ge-value>] [le <le-value>]	ARISTANDCA_BROCADE00012094
ip proxy-arp	[no] ip proxy-arp	ARISTANDCA_BROCADE00012094
ip radius source-interface	[no] ip radius source-interface atm <portnum>.<subif>   ethernet <portnum>   loopback <num>   ve <num>	ARISTANDCA_BROCADE00012094

ip route	[no] ip route <ip-addr> <ip-mask> null0 [<metric>] [distance <num>] or	ARISTANDCA_BROCADE00012094
ip tacacs source-interface	[no] ip tacacs source-interface atm <portnum>.<subif>   ethernet <portnum>   loopback <num>   ve <num>	ARISTANDCA_BROCADE00012094
ipv6 access-list	[no] ipv6 access-list <acl name>	ARISTANDCA_BROCADE00012094
ipv6 address	[no] ipv6 address <ipv6-prefix>/<prefix-length> [ eui-64 ]	ARISTANDCA_BROCADE00012094
ipv6 enable	[no] ipv6 enable	ARISTANDCA_BROCADE00012094
ipv6 nd managed-config-flag	[no] ipv6 nd managed-config-flag	ARISTANDCA_BROCADE00012094
ipv6 nd ns-interval	[no] ipv6 nd ns-interval <number>	ARISTANDCA_BROCADE00012094
ipv6 nd other-config-flag	[no] ipv6 nd other-config-flag	ARISTANDCA_BROCADE00012094
ipv6 nd ra interval	[no] ipv6 nd ra-interval <number>	ARISTANDCA_BROCADE00012094
ipv6 nd ra lifetime	[no] ipv6 nd ra-lifetime <number>	ARISTANDCA_BROCADE00012094
ipv6 nd reachable-time	[no] ipv6 nd reachable-time <seconds>	ARISTANDCA_BROCADE00012094
ipv6 ospf area	[no] ipv6 ospf area <number>   <ipv4-address>	ARISTANDCA_BROCADE00012094
ipv6 ospf cost	ipv6 ospf cost <number>	ARISTANDCA_BROCADE00012094
ipv6 ospf dead-interval	ipv6 ospf dead-interval <seconds>	ARISTANDCA_BROCADE00012094
ipv6 ospf hello-interval	ipv6 ospf hello-interval <seconds>	ARISTANDCA_BROCADE00012094
ipv6 ospf network	ipv6 ospf network [ point-to-multipoint ]	ARISTANDCA_BROCADE00012094
ipv6 ospf priority	ipv6 ospf priority <number>	ARISTANDCA_BROCADE00012094
ipv6 ospf retransmit-interval	ipv6 ospf retransmit-interval <seconds>	ARISTANDCA_BROCADE00012094
ipv6 ospf transmit-delay	ipv6 ospf transmit-delay <seconds>	ARISTANDCA_BROCADE00012094
ipv6 prefix-list	[no] ipv6 prefix-list <name> [seq <sequence-number>] deny <ipv6-prefix>/<prefix-length>   permit <ipv6-prefix>/<prefix-length>   description <string> [ge <ge-value>] [le <le-value>]	ARISTANDCA_BROCADE00012094
ipv6 route	[no] ipv6 route <dest-ipv6-prefix>/<prefix-length> <next-hop-ipv6-address> [<metric>] [distance <number>]	ARISTANDCA_BROCADE00012094
ipv6 router ospf	[no] ipv6 router ospf	ARISTANDCA_BROCADE00012094
ipv6 unicast-routing	[no] ipv6 unicast-routing	ARISTANDCA_BROCADE00012094
isis hello-interval	[no] isis hello-interval <num> [level-1-only   level-2-only]	ARISTANDCA_BROCADE00012094
isis hello-multiplier	[no] isis hello-multiplier <num> [level-1-only   level-2-only]	ARISTANDCA_BROCADE00012094
isis metric	[no] isis metric <num>	ARISTANDCA_BROCADE00012094
isis passive	[no] isis passive	ARISTANDCA_BROCADE00012094
isis priority	[no] isis priority <num> [level-1-only   level-2-only]	ARISTANDCA_BROCADE00012094
is-type	[no] is-type level-1-only   level-1-2   level-2-only	ARISTANDCA_BROCADE00012094
lacp system-priority	lacp system-priority	ARISTANDCA_BROCADE00012094
lldp run	[no] lldp run	ARISTANDCA_BROCADE00055686
load-interval	load-interval <interval>	ARISTANDCA_BROCADE00012094
log-adjacency-changes	[no] log-adjacency-changes	ARISTANDCA_BROCADE00012094
log-adjacency-changes (IS-IS)	[no] log-adjacency-changes	ARISTANDCA_BROCADE00012094
logging host	[no] logging host <ip-addr>   <server-name>	ARISTANDCA_BROCADE00012094
mac access-group	[no] mac access-group <num> in	ARISTANDCA_BROCADE00012094
maximum-paths	[no] maximum-paths <num>	ARISTANDCA_BROCADE00012094
no snmp-server	[no] snmp-server enable traps <trap-type>	ARISTANDCA_BROCADE00012094
route-map	[no] route-map <map-name> permit   deny <num>	ARISTANDCA_BROCADE00012094
router bgp	[no] router bgp	ARISTANDCA_BROCADE00012094
router isis	[no] router isis	ARISTANDCA_BROCADE00012094
router ospf	[no] router ospf	ARISTANDCA_BROCADE00012094
router rip	[no] router rip	ARISTANDCA_BROCADE00012094
set-overload-bit	[no] set-overload-bit [on-startup <secs>]	ARISTANDCA_BROCADE00012094
show arp	show arp [ethernet <portnum>   mac-address <xxxx.xxxx.xxxx> [<mask>]   <ip-addr> [<ip-mask>]] [<num>]	ARISTANDCA_BROCADE00012094
show clock	show clock [detail]	ARISTANDCA_BROCADE00012094
show dot1x	show dot1x	ARISTANDCA_BROCADE00012094
show dot1x statistics	show dot1x statistics <portnum>	ARISTANDCA_BROCADE00012094
show interfaces	show interfaces [atm   ethernet   pos <portnum>]   [loopback <num>]   [slot <slot-num>]   [ve <num>]	ARISTANDCA_BROCADE00012094
show ip access-lists	show ip access-list all   <acl-number>   begin <keyword>   exclude <keyword>   include <keyword>	ARISTANDCA_BROCADE00012094
show ip bgp	show ip bgp [route] <ip-addr>/<prefix> [longer-prefixes]   <ip-addr>	ARISTANDCA_BROCADE00012094
show ip bgp neighbors	show ip bgp neighbors [<ip-addr> [advertised-routes [detail [<ip-addr>/<mask-bits>]]]]   [attribute-entries [detail]]   [flap-statistics]   [last-packet-with-error]   [received prefix-filter]   [received-routes]   [routes [best]   [detail [best]   [not-installed-best]   [unreachable]]]   [rib-out-routes [<ip-addr>/<mask-bits>   <ip-addr> <net-mask>   detail]]   [routes-summary]]	ARISTANDCA_BROCADE00012094
show ip bgp peer-group	show ip bgp peer-group [<peer-group-name>]	ARISTANDCA_BROCADE00012094
show ip bgp summary	show ip bgp summary	ARISTANDCA_BROCADE00012094
show ip extcommunity-list	show ip extcommunity-list	ARISTANDCA_BROCADE00012094
show ip igmp interface	show ip igmp interface [ ve   ethernet <number> <group-address>]	ARISTANDCA_BROCADE00012094
show ip interface	show ip interface [ethernet <portnum>]   [loopback <num>]   [pos <portnum>]   [ve <num>]	ARISTANDCA_BROCADE00012094
show ip mroute	show ip mroute [<ip-addr> <ip-mask>   bgp   static]	ARISTANDCA_BROCADE00012094
show ip msdp peer	show ip msdp peer	ARISTANDCA_BROCADE00012094
show ip msdp sa-cache	show ip msdp sa-cache	ARISTANDCA_BROCADE00012094
show ip msdp summary	show ip msdp summary	ARISTANDCA_BROCADE00012094
show ip nat translations	show ip nat translation	ARISTANDCA_BROCADE00012094
show ip ospf border-routers	show ip ospf border-routers [<ip-addr>]	ARISTANDCA_BROCADE00012094
show ip ospf interface	show ip ospf interface [<ip-addr>]	ARISTANDCA_BROCADE00012094
show ip ospf neighbor	show ip ospf neighbor [router-id <ip-addr>]   [<num>]	ARISTANDCA_BROCADE00012094

show ip pim interface	show ip pim interface [ethernet <portnum>   ve <num>]	ARISTANDCA_BROCADE00012094
show ip pim rp-hash	show ip pim rp-hash <group-addr>	ARISTANDCA_BROCADE00012094
show ip route	show ip route [<ip-addr> [<ip-mask>] [longer] [none-bgp]]   <num>   bgp   direct   ospf   rip   static   tunnel   summary	ARISTANDCA_BROCADE00012094
show ip route summary	show ip route [<ip-addr> [<ip-mask>] [longer] [none-bgp]]   <num>   bgp   direct   ospf   rip   static   tunnel   summary	ARISTANDCA_BROCADE00012094
show ipv6 access-list	show ipv6 access-list [<name>]	ARISTANDCA_BROCADE00012094
show ipv6 bgp	show ipv6 bgp <ipv6-prefix>/<prefix-length> [longer-prefixes]	ARISTANDCA_BROCADE00012094
show ipv6 bgp summary	show ipv6 bgp summary	ARISTANDCA_BROCADE00012094
show ipv6 interface	show ipv6 interface ethernet [ <port>   loopback <number>   tunnel <number>   ve <number> ]	ARISTANDCA_BROCADE00012094
show ipv6 ospf interface	show ipv6 ospf database [advtr <ipv4-address>   as-external   extensive   inter-prefix   inter-router   intra-prefix   link   link-id <number>   network   router   scope <area-id>   as   link]	ARISTANDCA_BROCADE00012094
show ipv6 ospf neighbor	show ipv6 ospf neighbor [router-id <ipv4-address>]	ARISTANDCA_BROCADE00012094
show ipv6 route	show ipv6 route [<ipv6-address>   <ipv6-prefix>/<prefix-length>   bgp   connect   ospf   rip   isis   static   summary]	ARISTANDCA_BROCADE00012094
show ipv6 route summary	show ipv6 route [<ipv6-address>   <ipv6-prefix>/<prefix-length>   bgp   connect   ospf   rip   isis   static   summary]	ARISTANDCA_BROCADE00012094
show isis database	show isis database [<isp-id>   detail   l1   l2   level1   level2]	ARISTANDCA_BROCADE00012094
show isis interface	show isis interface	ARISTANDCA_BROCADE00012094
show lldp	show lldp	ARISTANDCA_BROCADE00055686
show lldp neighbors	show lldp neighbors	ARISTANDCA_BROCADE00055686
show module	show module	ARISTANDCA_BROCADE00012094
show port-security	show port security <module>   <portnum>	ARISTANDCA_BROCADE00012094
show reload	show reload	ARISTANDCA_BROCADE00012094
show route-map	show route-map [<map-name>]	ARISTANDCA_BROCADE00012094
show snmp engineID	show snmp engineid	ARISTANDCA_BROCADE00012094
show snmp group	show snmp group	ARISTANDCA_BROCADE00012094
show snmp user	show snmp user	ARISTANDCA_BROCADE00012094
show users	show users	ARISTANDCA_BROCADE00012094
show version	show version	ARISTANDCA_BROCADE00012094
snmp-server community	[no] snmp-server community [0   1] <string> ro   rw [view <viewname>] [<standard-acl-name>   <standard-acl-id>]	ARISTANDCA_BROCADE00012094
snmp-server contact	[no] snmp-server contact <text>	ARISTANDCA_BROCADE00012094
snmp-server enable traps	[no] snmp-server enable traps <trap-type>	ARISTANDCA_BROCADE00012094
snmp-server engineID local	[no] snmp-server engineid local <hex-string>	ARISTANDCA_BROCADE00012094
snmp-server group	[no] snmp-server group <groupname> v1   v2   v3	ARISTANDCA_BROCADE00012094
snmp-server host	[no] snmp-server host <ip-addr> [0   1] <string> [port <value>] [no] snmp-server host <ip-address> version [ v1   v2c <community-string>   v3 auth   noauth   priv <security-name>] [port <trap-UDP-port-number>]	ARISTANDCA_BROCADE00012094
snmp-server location	[no] snmp-server location <text>	ARISTANDCA_BROCADE00012094
snmp-server user	[no] snmp-server user <name> <groupname> v3 [[access <standard-acl-id>] [encrypted] [auth md5 <md5-password>   sha <sha-password>] [priv [encrypted] des <des-password>]]]	ARISTANDCA_BROCADE00012094
snmp-server view	[no] snmp-server view <name> <mib-tree> included   excluded	ARISTANDCA_BROCADE00012094
spf-interval	[no] spf-interval <secs>	ARISTANDCA_BROCADE00012094
tacacs-server host	[no] tacacs-server host <ip-addr>   <server-name> [auth-port <number>]	ARISTANDCA_BROCADE00012094
tacacs-server key	[no] tacacs-server [key 0   1 <string>] [timeout <number>] [retransmit <number>] [dead-time <number>]	ARISTANDCA_BROCADE00012094
tacacs-server timeout	[no] tacacs-server [key 0   1 <string>] [timeout <number>] [retransmit <number>] [dead-time <number>]	ARISTANDCA_BROCADE00012094
terminal length	[no] terminal length <number-of-lines>	ARISTANDCA_BROCADE00012094
terminal monitor	terminal monitor	ARISTANDCA_BROCADE00012094
timers basic (RIP)	[no] timers-basic <update-timer> <aging-timeout-interval> <garbage-collection-timer>	ARISTANDCA_BROCADE00012094

Total of 163 command abstractions listed above.



Disputed Cisco Command	HP Command Syntax	HP Manual Bates Number /
aaa accounting	[no] aaa accounting exec default start-stop radius   tacacs+   none	ARISTANDCA00287991; see also HPE03126
aaa authentication login	aaa authentication login privilege-mode [no] aaa authentication snmp-server   web-server   enable   login   dot1x default <method1> [<method2>] [<method3>] [<method4>] [<method5>] [<method6>] [<method7>]	ARISTANDCA00287991; see also HPE03126
aggregate-address	aggregate-address <ip-addr> <ip-mask> [as-set] [nlri multicast   unicast   multicast unicast] [summary-only] [suppress-map <map-name>] [advertise-map <map- name>] [attribute-map <map-name>]	ARISTANDCA00287991
area nssa	area <num>   <ip-addr> nssa <cost>   default-information-originate	ARISTANDCA00287991
area nssa (OSPFv3)	area <num>   <ip-addr> nssa <cost>   default-information-originate	ARISTANDCA00287991
area nssa no-summary	area ospf3-area-id nssa [ metric-cost 0 - 16777215 ] [ metric-type { type1   type2 } ] [ no-summary ]	HPE45955
area range	[no] area <num>   <ip-addr> range <ip-addr> <ip-mask> [advertise   not-advertise]	ARISTANDCA00287991; see also HPE01915
area range (OSPFv3)	[no] area <num>   <ip-addr> range <ip-addr> <ip-mask> [advertise   not-advertise]	ARISTANDCA00287991; see also HPE01915
area stub	area <num>   <ip-addr> [stub <cost> [no-summary]]	ARISTANDCA00287991; see also HPE01915
area stub (OSPFv3)	area <num>   <ip-addr> [stub <cost> [no-summary]]	ARISTANDCA00287991; see also HPE01915
banner motd	[no] banner <delimiting-character>   [motd <delimiting-character>]	ARISTANDCA00287991; see also HPE03126
bgp client-to-client reflection	client-to-client-reflection	ARISTANDCA00287991
bgp cluster-id	[no] cluster-id <num>   <ip-addr>	ARISTANDCA00287991
bgp redistribute internal	[no] bgp redistribute internal	ARISTANDCA00287991
boot system	boot system bootp boot system flash primary boot system flash secondary boot system tftp	ARISTANDCA00287991; see also HPE03126
clear ip msdp sa-cache	clear ip msdp sa-cache [<source-addr>   <group-addr>]	ARISTANDCA00287991
clock set	[no] clock set <hh:mm:ss> <mm-dd-yy>   <mm-dd-yyyy>	ARISTANDCA00287991; see also HPE03126
clock timezone	clock timezone gmt gmt   us <timezone>	ARISTANDCA00287991; see also HPE03126
default-information originate (OSPF)	[no] default-information-originate [always] [metric <value>] [metric-type <type>]	ARISTANDCA00287991
default-information originate (OSPFv3)	[no] default-information-originate [always] [metric <value>] [metric-type <type>]	ARISTANDCA00287991
default-metric (OSPF)	[no] default-metric <number>	ARISTANDCA00287991; see also HPE01915
default-metric (OSPFv3)	default-metric <value>	ARISTANDCA00287991; see also HPE01915
dot1x port-control	dot1x port-control	HPE52033
interface ethernet	interface ethernet <portnum>	ARISTANDCA00287991; see also HPE01365
interface loopback	interface loopback <num>	ARISTANDCA00287991; see also HPE03126
ip access-group	[no] ip access-group <num> in   out	ARISTANDCA00287991; see also HPE03126
ip access-list	[no] ip access-list extended   standard <string>   <num>[delete <line-number>   insert <line-number>   replace <line-number> [remark [<comment-text>]] ] <options>	ARISTANDCA00287991; see also HPE03126
ip access-list standard	[no] ip access-list extended   standard <string>   <num>[delete <line-number>   insert <line-number>   replace <line-number> [remark [<comment-text>]] ] <options>	ARISTANDCA00287991; see also HPE03126
ip address	[no] ip address <ip-addr> <ip-mask> [ospf-ignore   ospf-passive   secondary]	ARISTANDCA00287991; see also HPE03126
ip community-list standard	ip community-list standard <string> [seq <seq-value>] deny   permit <community- num>	ARISTANDCA00287991
ip helper-address	ip helper-address <value> <ip-addr>	ARISTANDCA00287991; see also HPE01915
ip icmp redirect	[no] ip icmp redirects	ARISTANDCA00287991; see also HPE01915
ip igmp query-interval	ip igmp query-interval <value>	ARISTANDCA00287991
ip load-sharing	ip load-sharing [<num>]	ARISTANDCA00287991
ip local-proxy-arp	[no] ip local-proxy-arp	HPE04995
ip multicast-routing	[no] ip multicast-routing	ARISTANDCA00287991; see also HPE01915
ip nat pool	[no] ip nat pool <pool-name> <start-ip> <end-ip> netmask <ip-mask>   prefix- length <length> [type match-host   rotary] [no] ip nat inside source list <acl- name-or-num> pool <pool-name> [overload]	ARISTANDCA00287991
ip nat translation tcp-timeout	[no] ip nat translation timeout   udp-timeout   tcp-timeout   finrst-timeout   dns- timeout <secs>	ARISTANDCA00287991
ip nat translation udp-timeout	[no] ip nat translation timeout   udp-timeout   tcp-timeout   finrst-timeout   dns- timeout <secs>	ARISTANDCA00287991
ip ospf authentication-key	[no] ip ospf authentication-key [0   1] <string>	ARISTANDCA00287991; see also HPE01915
ip ospf cost	ip ospf cost <num>	ARISTANDCA00287991; see also HPE01915
ip ospf dead-interval	ip ospf dead-interval <value>	ARISTANDCA00287991; see also HPE01915
ip ospf hello-interval	ip ospf hello-interval <value>	ARISTANDCA00287991; see also HPE01915
ip ospf priority	ip ospf priority <value>	ARISTANDCA00287991; see also HPE01915
ip ospf retransmit-interval	ip ospf retransmit-interval <value>	ARISTANDCA00287991; see also HPE01915
ip ospf transmit-delay	ip ospf transmit-delay <value>	ARISTANDCA00287991; see also HPE01915
ip pim dr-priority		ARISTANDCA00287991
ip prefix-list	ip prefix-list <name> [seq <seq-value>] [description <string>] deny   permit <network-addr>/<mask-bits> [ge <ge-value>] [le <le-value>]	ARISTANDCA00287991
ip proxy-arp	[no] ip proxy-arp	ARISTANDCA00287991; see also HPE01915
ip radius source-interface	ip radius source-interface ethernet <portnum>   loopback <num>   ve <num>	ARISTANDCA00287991
ip route	ip route <dest-ip-addr> <dest-mask> <next-hop-ip-addr> [ethernet <portnum>   ve <num>] [<metric>] [distance <num>]	ARISTANDCA00287991
ip routing	(config)#ip routing	HPE93160
ip tacacs source-interface	ip tacacs source-interface ethernet <portnum>   loopback <num>   ve <num>	ARISTANDCA00287991
ipv6 access-list	[no] ipv6 access-list <acl name>	ARISTANDCA00287991
ipv6 address	ipv6 address <ipv6-prefix>/<prefix-length> [eui-64]   <ipv6-address> link-local	ARISTANDCA00287991
ipv6 prefix-list	[no] ipv6 prefix-list <name> [seq <sequence-number>] deny <ipv6-prefix>/<prefix- length>   permit <ipv6-prefix>/<prefix-length>   description <string> [ge <ge- value>] [le <le-value>]	ARISTANDCA00287991
ipv6 route	ipv6 route <dest-ipv6-prefix>/<prefix-length> <next-hop-ipv6-address> [<metric>] [distance <number>]	ARISTANDCA00287991

lldp run	[no] lldp run	HPE46789
maximum-paths	[no] maximum-paths <num>	ARISTANDCA00287991
neighbor ebgp-multihop	[no] neighbor <ip-addr> [<peer-group-name>] [advertisement-interval <num>] [capability orf prefixlist [send   receive]] [default-originate [route-map <map-name>]] [description <string>] [distribute-list in   out <num,num,...>   <acl-num> in   out] [ebgp-multihop <num>] [filter-list in   out <num,num,...>   <acl-num> in   out   weight] [maximum-prefix <num> [<threshold>] [teardown]] [next-hop-self] [nlri multicast   unicast   multicast unicast] [password [0   1] <string>] [prefix-list <string> in   out] [remote-as <as-number>] [remove-private-as] [route-map in   out <map-name>] [route-reflector-client] [send-community] [soft-reconfiguration inbound] [shutdown][timers keep-alive <num> hold-time <num>] [unsuppress-map <map-name>] [update-source <ip-addr>   ethernet <portnum>   loopback <num>   ve <num>] [weight <num>]	ARISTANDCA00287991
neighbor next-hop-self	[no] neighbor <ip-addr> [<peer-group-name>] [advertisement-interval <num>] [capability orf prefixlist [send   receive]] [default-originate [route-map <map-name>]] [description <string>] [distribute-list in   out <num,num,...>   <acl-num> in   out] [ebgp-multihop <num>] [filter-list in   out <num,num,...>   <acl-num> in   out   weight] [maximum-prefix <num> [<threshold>] [teardown]] [next-hop-self] [nlri multicast   unicast   multicast unicast] [password [0   1] <string>] [prefix-list <string> in   out] [remote-as <as-number>] [remove-private-as] [route-map in   out <map-name>] [route-reflector-client] [send-community] [soft-reconfiguration inbound] [shutdown][timers keep-alive <num> hold-time <num>] [unsuppress-map <map-name>] [update-source <ip-addr>   ethernet <portnum>   loopback <num>   ve <num>] [weight <num>]	ARISTANDCA00287991
neighbor remote-as	[no] neighbor <ip-addr> [<peer-group-name>] [advertisement-interval <num>] [capability orf prefixlist [send   receive]] [default-originate [route-map <map-name>]] [description <string>] [distribute-list in   out <num,num,...>   <acl-num> in   out] [ebgp-multihop <num>] [filter-list in   out <num,num,...>   <acl-num> in   out   weight] [maximum-prefix <num> [<threshold>] [teardown]] [next-hop-self] [nlri multicast   unicast   multicast unicast] [password [0   1] <string>] [prefix-list <string> in   out] [remote-as <as-number>] [remove-private-as] [route-map in   out <map-name>] [route-reflector-client] [send-community] [soft-reconfiguration inbound] [shutdown][timers keep-alive <num> hold-time <num>] [unsuppress-map <map-name>] [update-source <ip-addr>   ethernet <portnum>   loopback <num>   ve <num>] [weight <num>]	ARISTANDCA00287991
neighbor route-reflector-client	[no] neighbor <ip-addr> [<peer-group-name>] [advertisement-interval <num>] [capability orf prefixlist [send   receive]] [default-originate [route-map <map-name>]] [description <string>] [distribute-list in   out <num,num,...>   <acl-num> in   out] [ebgp-multihop <num>] [filter-list in   out <num,num,...>   <acl-num> in   out   weight] [maximum-prefix <num> [<threshold>] [teardown]] [next-hop-self] [nlri multicast   unicast   multicast unicast] [password [0   1] <string>] [prefix-list <string> in   out] [remote-as <as-number>] [remove-private-as] [route-map in   out <map-name>] [route-reflector-client] [send-community] [soft-reconfiguration inbound] [shutdown][timers keep-alive <num> hold-time <num>] [unsuppress-map <map-name>] [update-source <ip-addr>   ethernet <portnum>   loopback <num>   ve <num>] [weight <num>]	ARISTANDCA00287991
neighbor shutdown	[no] neighbor <ip-addr> [<peer-group-name>] [advertisement-interval <num>] [capability orf prefixlist [send   receive]] [default-originate [route-map <map-name>]] [description <string>] [distribute-list in   out <num,num,...>   <acl-num> in   out] [ebgp-multihop <num>] [filter-list in   out <num,num,...>   <acl-num> in   out   weight] [maximum-prefix <num> [<threshold>] [teardown]] [next-hop-self] [nlri multicast   unicast   multicast unicast] [password [0   1] <string>] [prefix-list <string> in   out] [remote-as <as-number>] [remove-private-as] [route-map in   out <map-name>] [route-reflector-client] [send-community] [soft-reconfiguration inbound] [shutdown][timers keep-alive <num> hold-time <num>] [unsuppress-map <map-name>] [update-source <ip-addr>   ethernet <portnum>   loopback <num>   ve <num>] [weight <num>]	ARISTANDCA00287991
neighbor timers	[no] neighbor <ip-addr> [<peer-group-name>] [advertisement-interval <num>] [capability orf prefixlist [send   receive]] [default-originate [route-map <map-name>]] [description <string>] [distribute-list in   out <num,num,...>   <acl-num> in   out] [ebgp-multihop <num>] [filter-list in   out <num,num,...>   <acl-num> in   out   weight] [maximum-prefix <num> [<threshold>] [teardown]] [next-hop-self] [nlri multicast   unicast   multicast unicast] [password [0   1] <string>] [prefix-list <string> in   out] [remote-as <as-number>] [remove-private-as] [route-map in   out <map-name>] [route-reflector-client] [send-community] [soft-reconfiguration inbound] [shutdown][timers keep-alive <num> hold-time <num>] [unsuppress-map <map-name>] [update-source <ip-addr>   ethernet <portnum>   loopback <num>   ve <num>] [weight <num>]	ARISTANDCA00287991
neighbor weight	[no] neighbor <ip-addr> [<peer-group-name>] [advertisement-interval <num>] [capability orf prefixlist [send   receive]] [default-originate [route-map <map-name>]] [description <string>] [distribute-list in   out <num,num,...>   <acl-num> in   out] [ebgp-multihop <num>] [filter-list in   out <num,num,...>   <acl-num> in   out   weight] [maximum-prefix <num> [<threshold>] [teardown]] [next-hop-self] [nlri multicast   unicast   multicast unicast] [password [0   1] <string>] [prefix-list <string> in   out] [remote-as <as-number>] [remove-private-as] [route-map in   out <map-name>] [route-reflector-client] [send-community] [soft-reconfiguration inbound] [shutdown][timers keep-alive <num> hold-time <num>] [unsuppress-map <map-name>] [update-source <ip-addr>   ethernet <portnum>   loopback <num>   ve <num>] [weight <num>]	ARISTANDCA00287991
route-map	route-map <map-name> permit   deny <num>	ARISTANDCA00287991
router bgp	[no] router bgp	ARISTANDCA00287991
router ospf	router ospf	ARISTANDCA00287991; see also HPE01915
router rip	router rip	ARISTANDCA00287991; see also HPE01915
show arp	show arp [ethernet <portnum>   mac-address <xxxx.xxx.xxx> [<mask>]   <ip-addr> [<ip-mask>]] [<num>]	ARISTANDCA00287991
show clock	show clock [detail]	ARISTANDCA00287991



show interfaces	show interfaces [ethernet   [loopback <num>]   [slot <slot-num>]   [ve <num>]	ARISTANDCA00287991; see also HPE01915
show ip access-lists	show ip access-list all   <acl-number>   begin <keyword>   exclude <keyword>   include <keyword>	ARISTANDCA00287991
show ip bgp	show ip bgp [route] <ip-addr> /<prefix> [longer-prefixes]   <ip-addr>	ARISTANDCA00287991
show ip bgp neighbors	show ip bgp neighbors <ip-addr> [advertised-routes [detail <ip-addr> /<mask-bits>]]   [attribute-entries [detail]]   [flap-statistics]   [last-packet-with-error]   [received-prefix-filter]   [received-routes]   [routes [best]   [detail [best]   [not-installed-best]   [unreachable]]   [rib-out-routes <ip-addr> /<mask-bits>]   <ip-addr> <net-mask>   [detail]]   [routes-summary]]	ARISTANDCA00287991
show ip bgp peer-group	show ip bgp peer-group <peer-group-name>	ARISTANDCA00287991
show ip bgp summary	show ip bgp summary	ARISTANDCA00287991
show ip community-list	show ip community-list	ARISTANDCA13270722
show ip helper-address	ip helper-address <value> <ip-addr>	ARISTANDCA00287991
show ip igmp groups	show ip igmp group [ <group-address> [detail] [tracking]]	ARISTANDCA00287991
show ip interface	show ip interface [ethernet <portnum>]   [loopback <num>]   [ve <num>]	ARISTANDCA00287991
show ip mroute	show ip mroute	ARISTANDCA00287991; see also HPE03126
show ip msdp peer	show ip msdp peer	ARISTANDCA00287991
show ip msdp sa-cache	show ip msdp sa-cache	ARISTANDCA00287991
show ip msdp summary	show ip msdp summary	ARISTANDCA00287991
show ip nat translations	show ip nat translation	ARISTANDCA00287991
show ip ospf	show ip ospf general show ip ospf area [[<area-id>   <num>] database link-state advertise   link-state-id   network   nssa   router   router-id <ip-addr>   sequence-number <num>   status <index>   summary]]	ARISTANDCA00287991; see also HPE03126
show ip ospf border-routers	show ip ospf border-routers <ip-addr>	ARISTANDCA00287991
show ip ospf interface	show ip ospf interface <ip-addr>	ARISTANDCA00287991; see also HPE03126
show ip ospf neighbor	show ip ospf neighbor [router-id <ip-addr>]   [<num>]	ARISTANDCA00287991; see also HPE03126
show ip pim interface	show ip pim interface [ethernet <portnum>]   ve <num>	ARISTANDCA00287991; see also HPE03126
show ip pim neighbor	show ip pim neighbor	HPE48032
show ip pim rp-hash	show ip pim rp-hash <group-addr>	ARISTANDCA00287991
show ip prefix-list	show ip prefix-lists	ARISTANDCA00287991
show ip route	show ip route [<ip-addr> [<ip-mask>] [longer] [none-bgp]]   [<num>]   bgp   direct   ospf   rip   static	ARISTANDCA00287991; see also HPE03126
show ipv6 neighbors	show ipv6 neighbor [<ipv6-prefix> /<prefix-length>   <ipv6-address>   ethernet <port>   ve <number>]	ARISTANDCA00287991
show ipv6 route	show ipv6 route [<ipv6-address>   <ipv6-prefix> /<prefix-length>   bgp   connect   ospf   rip   static   summary]	ARISTANDCA00287991
show lacp counters	show lacp counters	HPE46789
show lldp	#show lldp	HPE93160
show module	show module	ARISTANDCA00287991; see also HPE03126
show port-security	show port security <module>   <portnum>	ARISTANDCA00287991; see also HPE03126
show radius	show radius authentication show radius [host <ip-addr>]	HPE43019
show reload	show reload	ARISTANDCA00287991
show route-map	show route-map [<map-name>]	ARISTANDCA00287991
show snmp engineID	show snmp engineid	ARISTANDCA00287991
show snmp group	show snmp group	ARISTANDCA00287991
show snmp user	show snmp user	ARISTANDCA00287991
show spanning-tree	show spanning-tree <bridgegroup#>	HPE93160
show tacacs	show tacacs	HPE43019
show users	show users	ARISTANDCA00287991
show version	show version	ARISTANDCA00287991; see also HPE03126
show vlan	show vlans [<vlan-id>   ethernet <portnum>]	ARISTANDCA00287991; see also HPE03126
show vrrp	show vrrp config // show vrrp	HPE46789, HPE48032
snmp-server community	snmp-server community [0   1] <string> ro   rw [view <viewname>] [<standard-acl-id>   <standard-acl-id>]	ARISTANDCA00287991; see also HPE03126
snmp-server contact	snmp-server contact <text>	ARISTANDCA00287991; see also HPE03126
snmp-server enable traps	[no] snmp-server enable traps <trap-type>	ARISTANDCA00287991; see also HPE03126
snmp-server engineID local	[no] snmp-server engineid local <hex-string>	ARISTANDCA00287991
snmp-server group	[no] snmp-server group <groupname> v1   v2   v3 auth   noauth [access <standard-acl-id>] [read <viewstring>]   write <viewstring>]	ARISTANDCA00287991
snmp-server host	snmp-server host <ip-addr> [0   1] <string> [port <value>]	ARISTANDCA00287991; see also HPE03126
snmp-server location	snmp-server location <text>	ARISTANDCA00287991; see also HPE03126
snmp-server user	[no] snmp-server user <name> <groupname> v3 [[access <standard-acl-id>] [encrypted] [auth md5 <md5-password>   sha <sha-password>] [priv [encrypted] <des <des-password>]]]	ARISTANDCA00287991
snmp-server view	[no] snmp-server view <name> <mib_tree> included   excluded	ARISTANDCA00287991
spanning-tree mode	spanning-tree mode [rstp   stp]	HPE93160
tacacs-server host	tacacs-server host <ip-addr>   <server-name> [auth-port <number>]	ARISTANDCA00287991; see also HPE03126
tacacs-server key	tacacs-server [key 0   1 <string>] [timeout <number>] [retransmit <number>] [dead-time <number>]	ARISTANDCA00287991; see also HPE03126
tacacs-server timeout	tacacs-server [key 0   1 <string>] [timeout <number>] [retransmit <number>] [dead-time <number>]	ARISTANDCA00287991; see also HPE03126
terminal length	terminal length <number-of-lines>	ARISTANDCA00287991; see also HPE03126
terminal monitor	terminal monitor	ARISTANDCA00287991

Total of 129 command abstractions listed above.

Disputed Cisco Command	ISCLI Command Syntax	Bates Number of BNT, IBM, or Lenovo Document
aggregate-address	aggregate-address <1-16> <IP address> <IP netmask>	LENOVO-ARISTA000001
clear counters	clear counters	LENOVO-ARISTA000001
clear ipv6 neighbors	clear ipv6 neighbors	LENOVO-ARISTA000001
flowcontrol receive	flowcontrol {receive send} [on off]	LENOVO-ARISTA000001
flowcontrol send	flowcontrol {receive send} [on off]	LENOVO-ARISTA000001
ip address	ip address <IP address>	LENOVO-ARISTA000001
ip dhcp snooping	ip dhcp snooping	LENOVO-ARISTA013095
ip dhcp snooping information option	[no] ip dhcp snooping information option insert	LENOVO-ARISTA013095
ip dhcp snooping vlan	ip dhcp snooping vlan <VLAN number>	LENOVO-ARISTA013095
ip domain-name	[no] ip domain-name <string>	ARISTANDCA00265074 and ARISTANDCA13273536
ip igmp query-interval	ip igmp query-interval <1-600>	LENOVO-ARISTA000001
ip local-proxy-arp	[no] ip local-proxy-arp	ARISTANDCA13276058
ip name-server	[no] ip name-server <IP address>	ARISTANDCA13273702
ip ospf cost	ip ospf cost <1-65535>	LENOVO-ARISTA000001
ip ospf dead-interval	ip ospf dead-interval <1-65535>	LENOVO-ARISTA000001
ip ospf hello-interval	ip ospf hello-interval <1-65535>	LENOVO-ARISTA000001
ip ospf message-digest-key	[no] ip ospf message-digest-key <1-255>	LENOVO-ARISTA000001
ip ospf retransmit-interval	ip ospf retransmit-interval <1-3600>	LENOVO-ARISTA000001
ip pim dr-priority	ip pim dr-priority <0-4294967294>	LENOVO-ARISTA000001
ip pim neighbor-filter	[no] ip pim neighbor-filter	LENOVO-ARISTA000001
ip route	ip route <IP subnet> <IP netmask> <IP nexthop> [<interface number>]	LENOVO-ARISTA000001
ip routing	ip routing [no] ip routing directed-broadcasts [no] ip routing no-icmp-redirect [no] ip routing icmp6-redirect	LENOVO-ARISTA000001
ipv6 address	ipv6 address <IP address (such as 3001:0:0:0:abcd:12)> [<IP6 prefix length (1-128)>] [enable anycast]	LENOVO-ARISTA000001
ipv6 nd prefix	ipv6ndprefix(<IPv6prefix> <prefixlength>)no-autoconfig	LENOVO-ARISTA013095
ipv6 nd ra interval	[no] ipv6 nd ra-interval <4-1800>	LENOVO-ARISTA013095
ipv6 nd ra lifetime	ipv6 nd ra-lifetime <0-9000>	LENOVO-ARISTA013095
ipv6 nd reachable-time	[no] ipv6 nd reachable-time <1-3600>	LENOVO-ARISTA013095
ipv6 ospf area	ipv6 ospf area <area index (0-2)>	LENOVO-ARISTA000001
ipv6 ospf cost	[no] ipv6 ospf cost <1-65535>	LENOVO-ARISTA000001
ipv6 ospf dead-interval	[no] ipv6 ospf hello-interval <1-65535>	LENOVO-ARISTA000001
ipv6 ospf hello-interval	[no] ipv6 ospf dead-interval <1-65535>	LENOVO-ARISTA000001
ipv6 ospf network	ipv6 ospf network {broadcast non-broadcast point-to-multipoint point-to-point}	LENOVO-ARISTA000001
ipv6 ospf priority	[no] ipv6 ospf priority <priority value (0-255)>	LENOVO-ARISTA000001
ipv6 ospf retransmit-interval	[no] ipv6 ospf retransmit-interval <1-1800>	LENOVO-ARISTA000001
ipv6 ospf transmit-delay	[no] ipv6 ospf transmit-delay <1-1800>	LENOVO-ARISTA000001
ipv6 router ospf	[no] ipv6 router ospf	LENOVO-ARISTA000001
lacp system-priority	lacp system-priority <1-65535>	LENOVO-ARISTA000001
mac-address-table static	mac-address-table static <MAC address> vlan <VLAN number> {port <port alias or number>   portchannel <trunk number>   adminkey <1-65535>}	LENOVO-ARISTA000001
maximum-paths	maximum-paths <0-4>	LENOVO-ARISTA013095
neighbor next-hop-self	[no] neighbor <1-96> next-hop-self	LENOVO-ARISTA005923
neighbor password	[no] neighbor <1-12> password <1-16 characters>	LENOVO-ARISTA000001
neighbor remote-as	neighbor <1-12> remote-as <1-65535>	LENOVO-ARISTA000001
neighbor route-reflector-client	[no] neighbor <1-12> route-reflector-client	LENOVO-ARISTA000001
neighbor shutdown	neighbor <1-12> shutdown	LENOVO-ARISTA000001
ntp authenticate	[no] ntp authenticate	LENOVO-ARISTA000001
ntp trusted-key	ntp trusted-key <1-65534> [0]	LENOVO-ARISTA000001
port-channel min-links	port-channel min-links <1-32>	LENOVO-ARISTA000001
route-map	route-map {<1-32>}	LENOVO-ARISTA000001
router bgp	router bgp	LENOVO-ARISTA000001
router ospf	router ospf	LENOVO-ARISTA000001
router rip	router rip	LENOVO-ARISTA000001
router-id	ip router-id <IP address>	LENOVO-ARISTA000001
router-id (OSPFv3)	router-id <IPv4 address>	LENOVO-ARISTA000001
show arp	show arp	LENOVO-ARISTA000001
show dot1x	show dot1x	LENOVO-ARISTA000001
show environment power	show environment power	LENOVO-ARISTA000001
show ip arp	show ip arp show ip arp find <IP address> show ip arp interface port <port number or alias> show ip arp vlan <VLAN number> show ip arp reply	LENOVO-ARISTA000001
show ip bgp	show ip bgp show ip bgp information [<IPv4 network> <IPv4 mask>] show ip bgp neighbor <1-12> redistribute	LENOVO-ARISTA000001
show ip dhcp snooping	show ip dhcp snooping binding	LENOVO-ARISTA000001
show ip igmp groups	show ip igmp groups address <IP address> show ip igmp groups vlan <VLAN number> show ip igmp groups interface port <port alias or number> show ip igmp groups portchannel <trunk number> show ip igmp groups detail <IP address> show ip igmp groups	LENOVO-ARISTA000001
show ip interface brief	show ip interface brief	LENOVO-ARISTA000001
show ip mroute	show ip mroute	LENOVO-ARISTA000001
show ip ospf	show ip ospf general-information show ip ospf area information show ip ospf area <0-2> show ip ospf interface loopback <1-5> show ip ospf neighbor show ip ospf database	LENOVO-ARISTA000001
show ip ospf database database-summary	show ip ospf database database-summary	LENOVO-ARISTA000001
show ip ospf interface	show ip ospf interface loopback <1-5> show ip ospf interface [<interface number>] counters	LENOVO-ARISTA000001
show ip ospf neighbor	show ip ospf neighbor	LENOVO-ARISTA000001
show ip pim interface	show ip pim interface [<interface number>] detail	LENOVO-ARISTA000001
show ip pim neighbor	show ip pim neighbor [<interface number>] port <port number>]	LENOVO-ARISTA000001

show ip route	show ip route show ip route static show ip route ecmphash show ip route interface <interface number> show ip route tag {fixed static addr rip ospf bgp broadcast  martian multicast} show ip route type {indirect direct local broadcast martian  multicast} show ip route gateway <IP address> show ip route address <IP address>	LENOVO-ARISTA000001
show ip route tag	show ip route tag {fixed static addr rip ospf bgp broadcast  martian multicast}	LENOVO-ARISTA000001
show ipv6 interface	show ipv6 interface <interface number>	LENOVO-ARISTA000001
show ipv6 neighbors	show ipv6 neighbors find <IPv6 address> show ipv6 neighbors interface port <port alias or number> show ipv6 neighbors vlan <VLAN number> show ipv6 neighbors static	LENOVO-ARISTA000001
show ipv6 ospf	show ipv6 ospf information show ipv6 ospf area <area index (0-2)> show ipv6 ospf area-virtual-link show ipv6 ospf host show ipv6 ospf request-list <nbr router-id (A.B.C.D)> show ipv6 ospf retrans-list <nbr router-id (A.B.C.D)> show ipv6 ospf summary-prefix <area index (0-2)> show ipv6 ospf redistrib-config show ipv6 ospf area-range information show ipv6 ospf routes show ipv6 ospf border-routers	LENOVO-ARISTA000001
show ipv6 ospf border-routers	show ipv6 ospf border-routers	LENOVO-ARISTA000001
show ipv6 ospf interface	show ipv6 ospf interface <interface number>	LENOVO-ARISTA000001
show ipv6 ospf neighbor	show ipv6 ospf neighbor <nbr router-id (A.B.C.D)>	LENOVO-ARISTA000001
show ipv6 route	show ipv6 route address <IPv6 address>	LENOVO-ARISTA000001
show ipv6 route summary	show ipv6 route summary	LENOVO-ARISTA000001
show lldp	show lldp remote-device <1-256> [detail] show lldp port show lldp receive show lldp transmit show lldp port <1-16> tlv evb show lldp information	LENOVO-ARISTA000001
show mac-address-table	show mac-address-table address <MAC address>	LENOVO-ARISTA000001
show ntp associations	show ntp associations	LENOVO-ARISTA000001
show route-map	show route-map [1-32]	LENOVO-ARISTA000001
show spanning-tree	show spanning-tree	LENOVO-ARISTA000001
show spanning-tree blockedports	show spanning-tree blockedports	LENOVO-ARISTA0005923
show spanning-tree mst	show spanning-tree mst <0-32> [information]	LENOVO-ARISTA0005923
show spanning-tree mst configuration	show spanning-tree mst configuration	LENOVO-ARISTA0005923
show spanning-tree root	show spanning-tree root	LENOVO-ARISTA0005923
show vlan	show vlan <VLAN number>	LENOVO-ARISTA000001
show vlan private-vlan	show vlan private-vlan [type]	LENOVO-ARISTA0005923
snmp-server community	snmp-server community <1-16>	LENOVO-ARISTA0005923
snmp-server contact	snmp-server contact <1-64 characters>	LENOVO-ARISTA000001
snmp-server group	snmp-server group <1-16>	LENOVO-ARISTA000001
snmp-server host	snmp-server host <traphost IP address> <traphost community string>	LENOVO-ARISTA000001
snmp-server location	snmp-server location <1-64 characters>	LENOVO-ARISTA000001
snmp-server user	snmp-server user <1-16>	LENOVO-ARISTA000001
snmp-server view	snmp-server view <1-128>	LENOVO-ARISTA000001
spanning-tree bpduguard	[no] spanning-tree bpduguard	LENOVO-ARISTA0005923
spanning-tree link-type	[no] spanning-tree link-type p2p shared	ARISTANDCA13273536
spanning-tree mode	spanning-tree mode [disable mst pvst rstp]	LENOVO-ARISTA000001
spanning-tree mst configuration	spanning-tree mst configuration	LENOVO-ARISTA0005923
storm-control	storm-control {broadcast multicast unicast} level rate <0-2097151> storm-control {broadcast multicast unicast} level pps <0-2097151>	LENOVO-ARISTA0005923
switchport access vlan	switchport access vlan <VLANID(1-4094)>	LENOVO-ARISTA0005923
switchport mode	switchport mode {access trunk private-vlan}	LENOVO-ARISTA0005923
switchport private-vlan mapping	[no] switchport private-vlan mapping <primaryVLANID(2-4094)>	LENOVO-ARISTA0005923
switchport trunk allowed vlan	switchport trunk allowed vlan <VLANID(1-4094)>	LENOVO-ARISTA0005923
switchport trunk native vlan	switchport trunk native vlan <VLANID(1-4094)>	LENOVO-ARISTA0005923
terminal length	terminal-length <0-300>	LENOVO-ARISTA000001

Total of 107 command abstractions listed above.

Disputed Cisco Command	JUNOS Command Syntax	Juniper Manual Bates Number
aaa accounting	aa accounting acct-stop on-aaa-failure { enable   disable }	ARISTANDCA13289332
aaa authentication login	aaa authentication login authListName authenticator [ authenticators ]*	ARISTANDCA13289332
aaa authorization config-commands	[ no ] aaa authorization config-commands	19006JNPR00121081
address-family	[ no ] address-family { ipv4 { multicast   unicast   unicast vrf vrfName   vrf vrfName }   vpnv4 { unicast } }	ARISTANDCA13289332
aggregate-address	[ no ] aggregate-address address mask [ as-set   summary-only   attribute-map attributeMapTag   advertise-map advertiseMapTag   suppress-map suppressMapName ]*	ARISTANDCA13289332
area default-cost	area { areald   arealdInt } default-cost defaultCost	ARISTANDCA13289332
area default-cost (OSPFv3)	area { areald   arealdInt } default-cost defaultCost	19006JNPR00121081
area nssa	[ no ] area { areald   arealdInt } nssa [ default-information-originate [ always   metric absoluteValue   metric-type 1   metric-type 2   route-map mapTag ]* ]	ARISTANDCA13289332
area nssa (OSPFv3)	[ no ] area { areald   arealdInt } nssa [ default-information-originate [ always   metric absoluteValue   metric-type 1   metric-type 2   route-map mapTag ]* ] [ no-summary ]	19006JNPR00121081
area nssa default-information-originate	[ no ] area { areald   arealdInt } nssa [ default-information-originate [ always   metric absoluteValue   metric-type 1   metric-type 2   route-map mapTag ]* ]	ARISTANDCA13289332
area nssa default-information-originate (OSPFv3)	[ no ] area { areald   arealdInt } nssa [ default-information-originate [ always   metric absoluteValue   metric-type 1   metric-type 2   route-map mapTag ]* ] [ no-summary ]	19006JNPR00121081
area nssa no-summary	[ no ] area { areald   arealdInt } nssa [ default-information-originate [ always   metric absoluteValue   metric-type 1   metric-type 2   route-map mapTag ]* ] [ no-summary ]	19006JNPR00121081
area range	[ no ] area { areald   arealdInt } range ipAddress mask [ do-not-advertise ]	ARISTANDCA13289332
area range (OSPFv3)	[ no ] area { areald   arealdInt } range ipv6Prefix/ipv6PrefixLength [ do-not-advertise   advertise   cost costValue ]	19006JNPR00121081
area stub	[ no ] area { areald   arealdInt } stub	ARISTANDCA13289332
area stub (OSPFv3)	[ no ] area { areald   arealdInt } stub [ no-summary ]	19006JNPR00121081
arp timeout	arp timeout timeoutVal	ARISTANDCA13289332
banner login	banner [ motd   login   exec ] bannerText	ARISTANDCA13289332
banner motd	banner [ motd   login   exec ] bannerText	ARISTANDCA13289332
bgp client-to-client reflection	[ no ] bgp client-to-client reflection	ARISTANDCA13289332
bgp cluster-id	bgp cluster-id { clusterId   ipAddress }	ARISTANDCA13289332
bgp confederation identifier	bgp confederation identifier autonomousSystem	ARISTANDCA13289332
bgp confederation peers	no ] bgp confederation peers [ autonomousSystem ]*	ARISTANDCA13289332
bgp log-neighbor-changes	[ no ] bgp log-neighbor-changes	ARISTANDCA13289332
bgp redistribute internal	[ no ] bgp redistribute-internal	ARISTANDCA13289332
boot system	boot system relFileName	ARISTANDCA13289332
clear ip arp	clear [ ip ] arp [ vrf vrfName ] { ipAddress interfaceType interfaceSpecifier   * }	ARISTANDCA13289332
clear ip bgp	clear ip bgp [ { ipAddress   peer-group peerGroupName   * } ] [ vrf vrfName ] [ ipv4 { unicast   multicast }   vpnv4 unicast ] [ soft [ in   out ] ]	ARISTANDCA13289332
clear ip mroute	clear ip mroute { *   grpAddress [ sourceAddress ] }	ARISTANDCA13289332
clear ip nat translation	insideLocalIpAddress clear ip nat translation outside outsideLocalIpAddress outsideGlobalIpAddress clear ip nat translation { icmp   tcp   udp } inside insideGlobalIpAddress insideGlobalPort insideLocalIpAddress insideLocalPort clear ip nat translation { gre   icmp   tcp   udp } inside insideGlobalIpAddress * insideLocalIpAddress * clear ip nat translation { icmp   tcp   udp } inside insideGlobalIpAddress insideGlobalPort insideLocalIpAddress insideLocalPort outside outsideLocalIpAddress outsideLocalPort outsideGlobalIpAddress outsideGlobalPort	19006JNPR00121081
clear ip ospf neighbor	clear ip ospf neighbor [ neighborAddress ]	19006JNPR00121081
clear ipv6 neighbors	clear ipv6 neighbors [ include-statics   statics-only ]	19006JNPR00121081
clock set	clock set time { month day   day month } year	ARISTANDCA13289332
clock timezone	clock timezone name hours [ minutes ]	ARISTANDCA13289332
control-plane	control-plane	19006JNPR00121081
default-information originate (OSPF)	[ no ] default-information originate [ always   metric metricValue   metric-type 1   metric-type 2   route-map mapTag ]*	ARISTANDCA13289332
default-information originate (OSPFv3)	[ no ] area { areald   arealdInt } nssa [ default-information-originate [ always   metric absoluteValue   metric-type 1   metric-type 2   route-map mapTag ]* ] [ no-summary ]	19006JNPR00121081
default-metric (OSPF)	[ no ] default-metric metricValue [ interfaceType interfaceSpecifier ]	ARISTANDCA13289332
default-metric (OSPFv3)	[ no ] default-metric metricValue [ interfaceType interfaceSpecifier ]	19006JNPR00121081
distance bgp	distance bgp externalDistance internalDistance localDistance	ARISTANDCA13289332
domain-id	domain-id domainIdAddress   domainId	ARISTANDCA13289332
enable secret	enable secret [ level securityLevel ] [ secretType ] secretText	ARISTANDCA13289332
interface loopback	[ no ] interface loopback interfaceSpecifier	ARISTANDCA13289332
ip address	ip address ipAddress ipMask [ secondary ]	ARISTANDCA13289332
ip as-path access-list	ip as-path access-list accessListName { permit   deny } pathExpression	ARISTANDCA13289332
ip domain lookup	[ no ] ip domain-lookup [ transit-virtual-router vrName ]	ARISTANDCA13289332
ip domain-name	no ] ip domain-name domainName	ARISTANDCA13289332
ip igmp last-member-query-interval	ip igmp last-member-query-interval tenthsOfaSecond	ARISTANDCA13289332
ip igmp query-interval	ip igmp query-interval seconds	ARISTANDCA13289332
ip igmp query-max-response-time	ip igmp query-max-response-time tenthsOfaSecond	ARISTANDCA13289332

ip igmp static-group	[ no ] ip igmp static-group groupAddress	ARISTANDCA13289332
ip igmp version	ip igmp version { 2   1 }	ARISTANDCA13289332
ip multicast-routing	[ no ] ip multicast-routing	ARISTANDCA13289332
ip name-server	[ no ] ip name-server serverIpAddress [ serverIpAddress ] *	ARISTANDCA13289332
ip nat pool	ip nat pool name [ startIpAddress endIpAddress ] { networkMask   prefix-length length }	19006JNPR00121081
ip nat translation tcp-timeout	ip nat translation { timeout   udp-timeout   dns-timeout   tcp-timeout   first-timeout   icmp-timeout   gre-timeout } seconds	19006JNPR00121081
ip nat translation udp-timeout	ip nat translation { timeout   udp-timeout   dns-timeout   tcp-timeout   first-timeout   icmp-timeout   gre-timeout } seconds	19006JNPR00121081
ip ospf authentication-key	ip ospf authentication-key authKey	ARISTANDCA13289332
ip ospf cost	[ no ] ip ospf cost intfCost	ARISTANDCA13289332
ip ospf dead-interval	[ no ] ip ospf dead-interval deadInterval	ARISTANDCA13289332
ip ospf hello-interval	[ no ] ip ospf hello-interval helloInterval	ARISTANDCA13289332
ip ospf network	ip ospf network { broadcast   non-broadcast   point-to-point }	ARISTANDCA13289332
ip ospf priority	[ no ] ip ospf priority intfPriority	ARISTANDCA13289332
ip ospf retransmit-interval	[ no ] ip ospf retransmit-interval retransInterval	ARISTANDCA13289332
ip ospf shutdown	[ no ] ip ospf shutdown	ARISTANDCA13289332
ip ospf transmit-delay	[ no ] ip ospf transmit-delay transDelay	ARISTANDCA13289332
ip pim bsr-candidate	ip pim bsr-candidate interfaceType interfaceSpecifier [ hashMaskLen [ priority priority ] ] [ period bootstrapPeriod ]	19006JNPR00121081
ip pim dr-priority	ip pim dr-priority priority	19006JNPR00121081
ip pim query-interval	ip pim query-interval queryTime	ARISTANDCA13289332
ip pim rp-address	[ no ] ip pim rp-address ipAddress [ ipAccessList ] [ override ]	ARISTANDCA13289332
ip pim rp-candidate	ip pim rp-candidate interfaceType interfaceSpecifier [ group-list accessListName ] [ hold-time holdTime ] [ priority priority ] [ interval interval ]	19006JNPR00121081
ip pim spt-threshold	[ no ] ip pim spt-threshold { 0   nonzero_integer   infinity } [ group-list ipAccessList ]	ARISTANDCA13289332
ip pim spt-threshold group-list	[ no ] ip pim spt-threshold { 0   nonzero_integer   infinity } [ group-list ipAccessList ]	ARISTANDCA13289332
ip pim ssm range	ip pim ssm [ default   range ipAccessList ]	19006JNPR00121081
ip prefix-list	ip prefix-list listName { description desc   [ seq sequence ] { permit   deny } ipPrefix [ ge geNumber ] [ le leNumber ] }	ARISTANDCA13289332
ip proxy-arp	ip proxy-arp [ restricted   unrestricted ]	ARISTANDCA13289332
ip route	ip route [ vrf vrfName ] ipAddress ipMask [ ipNextHop   interfaceType interfaceSpecifier ] [ distance [ tag tagVal ] [ permanent ] ]	ARISTANDCA13289332
ipv6 access-list	ipv6 access-list accessListName { permit   deny } { srcIPv6Prefix   host srcIPHost }	19006JNPR00121081
ipv6 address	[ no ] ipv6 address ipv6Prefix [ eui-64 ]	19006JNPR00121081
ipv6 enable	[ no ] ipv6 enable	19006JNPR00121081
ipv6 nd managed-config-flag	[ no ] ipv6 nd managed-config-flag	19006JNPR00121081
ipv6 nd ns-interval	ipv6 nd ns-interval milliseconds	19006JNPR00121081
ipv6 nd other-config-flag	[ no ] ipv6 nd other-config-flag	19006JNPR00121081
ipv6 nd ra interval	ipv6 nd ra-interval seconds	19006JNPR00121081
ipv6 nd ra lifetime	ipv6 nd ra-lifetime seconds	19006JNPR00121081
ipv6 nd reachable-time	ipv6 nd reachable-time { milliseconds   hours minutes seconds }	19006JNPR00121081
ipv6 neighbor	ipv6 neighbor [ vrf vrfName ] ipv6Address interfaceType interfaceSpecifier hardwareAddress	19006JNPR00121081
ipv6 ospf area	[ no ] ip ospf [ processId ] area { areaid   areaidInt }	19006JNPR00121081
ipv6 ospf cost	ipv6 ospf [ processId ] cost intfCost	19006JNPR00121081
ipv6 ospf dead-interval	ipv6 ospf [ processId ] dead-interval deadInterval	19006JNPR00121081
ipv6 ospf hello-interval	ipv6 ospf [ processId ] hello-interval helloInterval	19006JNPR00121081
ipv6 ospf network	ipv6 ospf [ processId ] network { broadcast   point-to-point }	19006JNPR00121081
ipv6 ospf priority	ipv6 ospf [ processId ] priority intfPriority	19006JNPR00121081
ipv6 ospf retransmit-interval	ipv6 ospf [ processId ] retransmit-interval retransInterval	19006JNPR00121081
ipv6 ospf transmit-delay	ipv6 ospf [ processId ] transmit-delay transDelay	19006JNPR00121081
ipv6 prefix-list	ipv6 prefix-list listName { description desc   [ seq sequence ] { permit   deny } ipv6Prefix [ ge geNumber ] [ le leNumber ] }	19006JNPR00121081
ipv6 route	ipv6 route [ vrf vrfName ] prefix { nextHop   interfaceType interfaceSpecifier } [ distance ] [ reject   discard ] [ tag tagVal ] [ verify bfd-liveness-detection [ minimum-interval minInterval ] [ [ minimum-receive-interval minRecvInterval ] [ minimum-transmit-interval minTransInterval ] ] [ multiplier multValue ] ]	19006JNPR00121081
ipv6 router ospf	[ no ] ipv6 router ospf processId	19006JNPR00121081
isis hello-interval	isis hello-interval seconds [ level-1   level-2 ]	ARISTANDCA13289332
isis hello-multiplier	isis hello-multiplier multiplier [ level-1   level-2 ]	ARISTANDCA13289332
isis lsp-interval	isis lsp-interval milliseconds	ARISTANDCA13289332
isis metric	isis metric defaultMetric [ level-1   level-2 ]	ARISTANDCA13289332
isis priority	isis priority value [ level-1   level-2 ]	ARISTANDCA13289332
is-type	is-type { level-1   level-1-2   level-2-only }	ARISTANDCA13289332
l2cp port-priority	l2cp port-priority portPriority	19006JNPR00121081
load-interval	load-interval timeInterval	ARISTANDCA13289332
log-adjacency-changes	log-adjacency-changes [ severity { severityValue   severityNumber } ] [ verbosity verbosityLevel ]	ARISTANDCA13289332
log-adjacency-changes (IS-IS)	[ no ] ospf log-adjacency-changes [ severity { severityValue   severityNumber } ] [ verbosity verbosityLevel ]	ARISTANDCA13289332
log-adjacency-changes (OSPFv3)	[ no ] log-adjacency-changes [ severity { severityValue   severityNumber } ] [ verbosity verbosityLevel ]	19006JNPR00121081

maximum-paths	maximum-paths maxPaths	ARISTANDCA13289332
maximum-paths (OSPFv3)	maximum-paths maxPaths	19006JNPR00121081
neighbor activate	[ no   default ] neighbor { ipAddress   peerGroupName } activate	ARISTANDCA13289332
neighbor allowas-in	[ no ] neighbor { ipAddress   peerGroupName } allowas-in number	ARISTANDCA13289332
neighbor default-originate	[ no   default ] neighbor { ipAddress   peerGroupName } default-originate	ARISTANDCA13289332
neighbor description	neighbor { ipAddress   peerGroupName } description text	ARISTANDCA13289332
neighbor ebgp-multihop	[ no   default ] neighbor { ipAddress   peerGroupName } ebgp-multihop [ ttl ]	ARISTANDCA13289332
neighbor local-as	neighbor { ipAddress   peerGroupName } local-as number	ARISTANDCA13289332
neighbor next-hop-self	[ no   default ] neighbor { ipAddress   peerGroupName } next-hop-self	ARISTANDCA13289332
neighbor password	neighbor { ipAddress   peerGroupName } password [ 0   8 ] string	ARISTANDCA13289332
neighbor peer-group (assigning members)	neighbor ipAddress peer-group peerGroupName	ARISTANDCA13289332
neighbor peer-group (creating)	neighbor peerGroupName peer-group	ARISTANDCA13289332
neighbor remote-as	neighbor { ipAddress   peerGroupName } remote-as number	ARISTANDCA13289332
neighbor remove-private-as	[ no   default ] neighbor { ipAddress   peerGroupName } remove-private-as	ARISTANDCA13289332
neighbor route-map	neighbor { ipAddress   peerGroupName } route-map mapTag { in   out }	ARISTANDCA13289332
neighbor route-reflector-client	[ no   default ] neighbor { ipAddress   peerGroupName } route-reflector-client	ARISTANDCA13289332
neighbor send-community	[ no   default ] neighbor { ipAddress   peerGroupName } send-community [ standard   extended   both ]	ARISTANDCA13289332
neighbor shutdown	[ no   default ] neighbor { ipAddress   peerGroupName } shutdown	ARISTANDCA13289332
neighbor timers	neighbor { ipAddress   peerGroupName } timers keepaliveTime holdTime	ARISTANDCA13289332
neighbor update-source	neighbor { ipAddress   peerGroupName } update-source { interfaceType interfaceSpecifier   updateSourceAddress }	ARISTANDCA13289332
neighbor weight	neighbor { ipAddress   peerGroupName } weight value	ARISTANDCA13289332
network area	[ no ] network ipNet maskWildcard area { areald   arealdInt }	ARISTANDCA13289332
no snmp-server	[ no ] snmp-server	ARISTANDCA13289332
ntp server	ntp server ipAddress [ version number ] [ prefer ] [ source interfaceType interfaceSpecifier ]	ARISTANDCA13289332
ntp source	ntp source interfaceType interfaceSpecifier	ARISTANDCA13289332
passive-interface	[ no ] passive-interface interfaceType interfaceSpecifier	ARISTANDCA13289332
passive-interface (OSPFv3)	[ no ] passive-interface interfaceType interfaceSpecifier	ARISTANDCA13290444
redundancy force-switchover	redundancy force-failover { slotNumber   srp }	ARISTANDCA13289332
route-map	[ no ] route-map mapTag [ interfaceType interfaceSpecifier ]	ARISTANDCA13289332
router bgp	[ no ] router bgp autonomousSystem	ARISTANDCA13289332
router isis	[no]routerisis[tag]	ARISTANDCA13289332
router ospf	[ no ] router ospf processId [ vrf vrfName ]	ARISTANDCA13289332
router rip	[ no ] router rip	ARISTANDCA13289332
router-id	bgp router-id ipAddress // [ no ] ip router-id [ vrfName ] ipAddress	ARISTANDCA13289332
router-id (OSPFv3)	[ no ] ip router-id [ vrfName ] ipAddress	19006JNPR00121081
set-overload-bit	set-overload-bit [ on-startup period ]	ARISTANDCA13289332
show arp	show [ ip ] arp [ vrfName ] [ ipAddress ] [ interfaceType interfaceSpecifier ] [ all ] [ filter ]	ARISTANDCA13289332
show clock	show clock [ detail ] [ filter ]	ARISTANDCA13289332
show environment all	show environment [ all ] [ table ] [ filter ]	ARISTANDCA13289332
show hosts	show hosts [ filter ]	ARISTANDCA13289332
show interfaces	show interfaces interfaceType interfaceSpecifier [ delta ] [ brief ] [ filter ]	ARISTANDCA13289332
show ip bgp	show ip bgp [ addressFamilyIdentifier ] [ network [ networkMask [ longer-prefixes ] ] [ fields { fieldOptions } ] [ filter ] all   [ afi   aggregator   as-path   atomic-aggregate   best   clusters   communities   extended-communities   imported   intro   label   loc-pref   med   next-hop   next-hop-cost   origin   originator-id   peer   peer-type   rd   safi   unknown-types   weight ]*	ARISTANDCA13289332
show ip bgp community	show ip bgp [ addressFamilyIdentifier ] community { communityNumber   local-as   no-advertise   no-export } [ communityNumber   local-as   no-advertise   no-export ]* [ exact-match ] [ fields { fieldOptions } ] [ filter ]	ARISTANDCA13289332
show ip bgp neighbors	show ip bgp [ addressFamilyIdentifier ] neighbors [ ipAddress ] [ delta ] [ filter ]	ARISTANDCA13289332
show ip bgp paths	show ip bgp paths [ regularExpression ] [ filter ]	ARISTANDCA13289332
show ip bgp peer-group	show ip bgp [ addressFamilyIdentifier ] peer-group [ peerGroupName ] [ filter ]	ARISTANDCA13289332
show ip bgp regexp	show ip bgp [ addressFamilyIdentifier ] regexp pathExpression [ fields { fieldOptions } ] [ filter ]	ARISTANDCA13289332
show ip bgp summary	show ip bgp [ addressFamilyIdentifier ] summary [ fields { fieldOptions } ] [ delta ] [ filter ]	ARISTANDCA13289332
show ip community-list	show ip community list [ listName ] [ filter ]	ARISTANDCA13289332
show ip extcommunity-list	show ip extcommunity-list [ listName ] [ filter ]	ARISTANDCA13289332
show ip igmp groups	show ip igmp groups [ count ] [ groupAddress [ interfaceType interfaceSpecifier ] ] [ filter ]	ARISTANDCA13289332
show ip igmp interface	show ip igmp interface [ brief   count ] [ delta ] [ interfaceType interfaceSpecifier ] [ filter ]	ARISTANDCA13289332
show ip interface	show ip interface [ vrf vrfName ] { [ brief   detail ] [ interfaceType interfaceSpecifier ] } [ summary ] [ delta ] [ filter ]	ARISTANDCA13289332
show ip interface brief	show ip interface [ vrf vrfName ] { [ brief   detail ] [ interfaceType interfaceSpecifier ] } [ summary ] [ delta ] [ filter ]	ARISTANDCA13289332
show ip mroute	show ip mroute [ groupIpAddress [ sourceIpAddress ] ] [ summary   count   statistics ] [ filter ]	ARISTANDCA13289332
show ip mroute count	show ip mroute [ groupIpAddress [ sourceIpAddress ] ] [ summary   count   statistics ] [ filter ]	ARISTANDCA13289332



show ip nat translations	show ip nat translations [ static   dynamic ] [ gre   icmp   tcp   udp ]* [ verbose ] [ filter ] show ip nat translations inside insideLocalIpAddress [ localPort ] [ insideGlobalIpAddress [ globalPort ] ] [ verbose ] [ filter ] show ip nat translations outside outsideGlobalIpAddress [ globalPort ] [ outsideLocalIpAddress [ localPort ] ] [ verbose ] [ filter ]	19006JNPR00122695
show ip ospf	show ip ospf [ vrf vrfName ] [ delta ] [ filter ]	ARISTANDCA13289332
show ip ospf border-routers	show ip ospf border-routers [ vrf vrfName ] [ filter ]	ARISTANDCA13289332
show ip ospf database database-summary	show ip ospf database [ vrf vrfName ] [ database-summary   { asbr-summary   external   network   nssa-external   router   summary   opaqueArea } [ ipAddress   internal ] ] [ filter ]	ARISTANDCA13289332
show ip ospf interface	show ip ospf interface [ vrf vrfName ] [ interfaceType interfaceSpecifier ] [ filter ]	ARISTANDCA13289332
show ip pim interface	show ip pim interface [ interfaceType interfaceSpecifier ] [ count ] [ filter ]	ARISTANDCA13289332
show ip pim neighbor	show ip pim neighbor [ interfaceType interfaceSpecifier ] [ filter ]	ARISTANDCA13289332
show ip pim rp	show ip pim rp { groupAddress   mapping } [ filter ]	ARISTANDCA13289332
show ip pim rp-hash	show ip pim rp-hash groupAddress [ filter ]	ARISTANDCA13289332
show ip prefix-list	show ip prefix-list [ listName   seq seqNum   ipPrefix [ longer   first-match ] ] [ filter ]	ARISTANDCA13289332
show ip rip database	show ip rip database [ vrf vrfName ] [ active ] [ inactive ] [ filter ]	ARISTANDCA13289332
show ip route	show ip route [ vrf vrfName ] [ ipAddress [ ipMask ] [ detail ] ] [ all ] [ bgp   isis   local   ospf   other   rip   static ] [ filter ]	ARISTANDCA13289332
show ip route summary	show ip route summary [ vrf vrfName ] [ filter ]	ARISTANDCA13289332
show ipv6 access-list	show ipv6 access-list [ accessListName ] [ detail ] [ filter ]	19006JNPR00122695
show ipv6 interface	show ipv6 interface [ vrf vrfName ] [ brief   detail ] [ interfaceType interfaceSpecifier ]	19006JNPR00122695
show ipv6 neighbors	show ipv6 neighbors [ vrf vrfName ] [ ipv6Address ] [ interfaceType interfaceSpecifier ]	19006JNPR00122695
show ipv6 ospf	show ipv6 ospf [ filter ]	19006JNPR00122695
show ipv6 ospf border-routers	show ipv6 ospf border-routers [ vrf vrfName ] [ filter ]	19006JNPR00122695
show ipv6 ospf interface	show ipv6 ospf [ areaid   areaidInt ] interface [ interfaceType interfaceSpecifier ]	19006JNPR00122695
show ipv6 prefix-list	show ipv6 prefix-list [ listName   seq seqNum   ipv6Prefix [ longer   first-match ] ]	19006JNPR00122695
show ipv6 route	show ipv6 route [ vrf vrfName ] [ ipv6Address [ detail ]   ipv6Prefix [ detail ] ] [ all ]	19006JNPR00122695
show ipv6 route summary	show ipv6 route summary [ vrf vrfName ] [ filter ]	19006JNPR00122695
show isis database	show isis database [ level-1   level-2   l1   l2   lspid   detail   verbose ]* [ filter ]	ARISTANDCA13289332
show isis topology	show isis topology [ level-1   level-2   l1   l2 ]* [ nsap ] [ nsap ] [ level-1   level-2   l1   l2 ]* [ filter ]	ARISTANDCA13289332
show ntp associations	show ntp associations [ detail ] [ filter ]	ARISTANDCA13289332
show ntp status	show ntp status [ filter ]	ARISTANDCA13289332
show privilege	show privilege	19006JNPR00122695
show reload	show reload [ filter ]	ARISTANDCA13289332
show route-map	show route-map [ listName ] [ filter ]	ARISTANDCA13289332
show snmp	show snmp [ delta ] [ filter ]	ARISTANDCA13289332
show snmp community	show snmp community [ filter ]	ARISTANDCA13289332
show snmp group	show snmp group [ filter ]	19006JNPR00122695
show snmp trap	show snmp trap [ filter ]	ARISTANDCA13289332
show snmp user	show snmp user [ filter ]	ARISTANDCA13289332
show snmp view	show snmp view [ filter ]	ARISTANDCA13289332
show tacacs	show tacacs [ statistics   delta ] [ filter ]	19006JNPR00122695
show track	show track objectName [ filter ]	19006JNPR00122695
show users	show users [ detail ] [ all ] [ filter ]	ARISTANDCA13289332
show version	show version [ filter ]	ARISTANDCA13289332
snmp-server community	snmp-server community commString [ view viewName ] [ priv ] [ accessListName ]	ARISTANDCA13289332
snmp-server contact	snmp-server contact text	ARISTANDCA13289332
snmp-server enable traps	[ no ] snmp-server enable traps [ trapCategory   snmp authentication ] [ trapFilters trapFilter ]	ARISTANDCA13289332
snmp-server group	snmp-server group groupName securityModel authenticationLevel [ read readView ] [ write writeView ] [ notify notifyView ] [ storageType ]	19006JNPR00122695
snmp-server host	snmp-server host ipAddress [ version ver ] securityString [ udp-port port ] [ trapCategory ]* [ trapFilters trapFilter ]	ARISTANDCA13289332
snmp-server location	snmp-server location text	ARISTANDCA13289332
snmp-server user	snmp-server user userName group groupName [ authentication authType authKey ] [ privacy privType privKey ]	ARISTANDCA13289332
snmp-server view	snmp-server view viewName oidTree [ viewType ] [ storageType ]	19006JNPR00122695
spf-interval	spf-interval [ level-1   level-2 ] seconds	ARISTANDCA13289332
tacacs-server host	tacacs-server host ipAddress [ port portNumber ] [ timeout timeoutValue ] [ key keyValueString ] [ primary ]	19006JNPR00122695
tacacs-server key	tacacs-server key keyValueString	19006JNPR00122695
tacacs-server timeout	tacacs-server timeout timeoutValue	19006JNPR00122695
terminal length	terminal length value	ARISTANDCA13289332
timers bgp	timers bgp keepaliveTime holdTime	ARISTANDCA13289332

Total of 218 command abstractions listed above.

Disputed Cisco Command	NETGEAR Command Syntax	NETGEAR Manual Bates Number
aaa accounting	aaa accounting {exec   commands } {default   list_name} {start-stop   stop-only   none} method1 [method2...]	ARISTANDCA13350585
aaa authentication login	aaa authentication login {default   list-name} method1 [method2...]	ARISTANDCA13350585
area default-cost	area <areaid> default-cost <1-16777215>	ARISTANDCA13350585
area default-cost (OSPFv3)	area <areaid> default-cost <1-16777215>	ARISTANDCA13350585
area nssa	area <areaid> nssa	ARISTANDCA13350585
area nssa (OSPFv3)	area <areaid> nssa	ARISTANDCA13350585
area nssa default-information-originate	area <areaid> nssa default-info-originate [<metric>] [{comparable   non-comparable}]	ARISTANDCA13350585
area nssa default-information-originate (OSPFv3)	area <areaid> nssa default-info-originate [<metric>] [{comparable   non-comparable}]	ARISTANDCA13350585
area nssa no-summary	area <areaid> nssa no-summary	ARISTANDCA13350585
area range	area areaid range prefix netmask {summarylink   nssaexternallink} [advertise   not-advertise] [cost cost]	ARISTANDCA13350585
area range (OSPFv3)	area <areaid> range <ip6-prefix> <prefix-length> {summarylink   nssaexternallink} [advertise   not-advertise]	ARISTANDCA13350585
area stub	area <areaid> stub	ARISTANDCA13350585
area stub (OSPFv3)	area <areaid> stub	ARISTANDCA13350585
arp timeout	arp timeout <15-21600>	ARISTANDCA13350585
boot system	boot system [<unit>] <image-file-name>	ARISTANDCA13350585
clear arp-cache	clear arp-cache [gateway]	ARISTANDCA13350585
clear counters	clear counters [<unit/slot/port>   all]	ARISTANDCA13350585
clock set	clock set <hh:mm:ss> clock set <mm/dd/yyyy>	ARISTANDCA13350585
clock timezone	clock timezone zone-name +/-hours-offset [+/-minutes-offset]	ARISTANDCA13350585
default-information originate (OSPF)	default-information originate [always] [metric <0-16777214>] [metric-type {1   2}]	ARISTANDCA13350585
default-information originate (OSPFv3)	default-information originate [always] [metric <1-16777214>] [metric-type {1   2}]	ARISTANDCA13350585
default-metric (OSPF)	default-metric <1-16777214>	ARISTANDCA13350585
default-metric (OSPFv3)	default-metric <1-16777214>	ARISTANDCA13350585
dot1x pae authenticator	dot1x pae {supplicant   authenticator}	ARISTANDCA13350585
dot1x port-control	dot1x supplicant port-control {auto   force-authorized   force_unauthorized}	ARISTANDCA13350585
dot1x reauthentication	dot1x re-authentication	ARISTANDCA13350585
dot1x system-auth-control	dot1x system-auth-control	ARISTANDCA13350585
dot1x timeout quiet-period	dot1x timeout {{guest-vlan-period <seconds>}   {reauth-period <seconds>}   {quiet-period <seconds>}   {tx-period <seconds>}   {supp-timeout <seconds>}   {server-timeout <seconds>}}	ARISTANDCA13350585
dot1x timeout reauth-period	dot1x timeout {{guest-vlan-period <seconds>}   {reauth-period <seconds>}   {quiet-period <seconds>}   {tx-period <seconds>}   {supp-timeout <seconds>}   {server-timeout <seconds>}}	ARISTANDCA13350585
dot1x timeout tx-period	dot1x timeout {{guest-vlan-period <seconds>}   {reauth-period <seconds>}   {quiet-period <seconds>}   {tx-period <seconds>}   {supp-timeout <seconds>}   {server-timeout <seconds>}}	ARISTANDCA13350585
interface loopback	interface loopback <loopback-id>	ARISTANDCA13350585
interface vlan	interface vlan <vlan id>	ARISTANDCA13350585
ip access-group	ip access-group {<accesslistnumber> <name>} [{control-plane in out}]<vlan id> {fin out} sequence <1-4294967295>}	ARISTANDCA13350585
ip address	ip address <ipaddr> <subnetmask> [secondary]	ARISTANDCA13350585
ip dhcp snooping	ip dhcp snooping	ARISTANDCA13350585
ip dhcp snooping vlan	ip dhcp snooping vlan <vlan-list>	ARISTANDCA13350585
ip domain lookup	ip domain lookup	ARISTANDCA13350585
ip domain name	ip domain name <name>	ARISTANDCA13350585
ip helper-address	ip helper-address <ip-address> [<1-65535> dhcp domain isakmp mobile- ip nameserver netbios-dgm netbios-ns ntp pim-auto-rip rip tacacs tftp time]	ARISTANDCA13350585
ip host	ip host <name> <ipaddress>	ARISTANDCA13350585
ip igmp last-member-query-count	ip igmp last-member-query-count <count>	ARISTANDCA13350585
ip igmp last-member-query-interval	ip igmp last-member-query-interval <seconds>	ARISTANDCA13350585
ip igmp query-interval	ip igmp query-interval <seconds>	ARISTANDCA13350585
ip igmp query-max-response-time	ip igmp query-max-response-time <seconds>	ARISTANDCA13350585
ip igmp startup-query-count	ip igmp startup-query-count <count>	ARISTANDCA13350585
ip igmp startup-query-interval	ip igmp startup-query-interval <interval>	ARISTANDCA13350585
ip local-proxy-arp	ip proxy-arp	ARISTANDCA13350585
ip name-server	ip name-server <server-address1> [server-address2...server-address8]	ARISTANDCA13350585
ip ospf authentication	ip ospf authentication {none   {simple <key>}   {encrypt <key> <keyid>}}	ARISTANDCA13350585
ip ospf cost	ip ospf cost <1-65535>	ARISTANDCA13350585
ip ospf dead-interval	ip ospf dead-interval <seconds>	ARISTANDCA13350585
ip ospf hello-interval	ip ospf hello-interval <seconds>	ARISTANDCA13350585
ip ospf priority	ip ospf priority <0-255>	ARISTANDCA13350585
ip ospf retransmit-interval	ip ospf retransmit-interval <0-3600>	ARISTANDCA13350585
ip ospf transmit-delay	ip ospf transmit-delay <1-3600>	ARISTANDCA13350585
ip pim bsr-border	ip pim bsr-border	ARISTANDCA13350585
ip pim bsr-candidate	ip pim bsr-candidate interface [vlan   <unit/slot/port>] <hash-mask length> <bsr-priority> [interval <interval>]	ARISTANDCA13350585
ip pim dr-priority	ip pim dr-priority <0-2147483647>	ARISTANDCA13350585
ip pim rp-address	ip pim rp-address <rp-address> <group-address> <group-mask> [override]	ARISTANDCA13350585



ip pim rp-candidate	ip pim rp-candidate interface <interface-num> <group-address> <group-mask> [interval <interval>]	ARISTANDCA13350585
ip proxy-arp	ip proxy-arp	ARISTANDCA13350585
ip route	ip route <ipaddr> <subnetmask> [<nexthopip>   Null0] [<preference>]	ARISTANDCA13350585
ip routing	ip routing	ARISTANDCA13350585
ipv6 access-list	ipv6 access-list <name>	ARISTANDCA13350585
ipv6 address	ipv6 address <prefix>/<prefix_length> [eui64]	ARISTANDCA13350585
ipv6 dhcp relay destination	ipv6 dhcp relay {destination [<relay-address>] interface [<relay-interface>]   interface [<relay-interface>]} [remote-id (duid-uuid   <user-defined-string>)]	ARISTANDCA13350585
ipv6 enable	no ipv6 enable	ARISTANDCA13350585
ipv6 host	ipv6 host <name> <v6 address>	ARISTANDCA13350585
ipv6 nd managed-config-flag	ipv6 nd managed-config-flag	ARISTANDCA13350585
ipv6 nd ns-interval	ipv6 nd ns-interval [<1000-4294967295>   0]	ARISTANDCA13350585
ipv6 nd other-config-flag	ipv6 nd other-config-flag	ARISTANDCA13350585
ipv6 nd ra interval	ipv6 nd ra-interval-max <4- 1800>	ARISTANDCA13350585
ipv6 nd ra lifetime	ipv6 nd ra-lifetime <lifetime>	ARISTANDCA13350585
ipv6 nd reachable-time	ipv6 nd reachable-time <0-3600000>	ARISTANDCA13350585
ipv6 nd router-preference	ipv6 nd router-preference <high/low/medium>	ARISTANDCA13350585
ipv6 ospf area	ipv6 ospf area <area-id>	ARISTANDCA13350585
ipv6 ospf cost	ipv6 ospf cost <1-65535>	ARISTANDCA13350585
ipv6 ospf dead-interval	ipv6 ospf dead-interval <seconds>	ARISTANDCA13350585
ipv6 ospf hello-interval	ipv6 ospf hello-interval <seconds>	ARISTANDCA13350585
ipv6 ospf network	ipv6 ospf network {broadcast   point-to-point}	ARISTANDCA13350585
ipv6 ospf priority	ipv6 ospf priority <0-255>	ARISTANDCA13350585
ipv6 ospf retransmit-interval	ipv6 ospf retransmit-interval <seconds>	ARISTANDCA13350585
ipv6 ospf transmit-delay	ipv6 ospf transmit-delay <seconds>	ARISTANDCA13350585
ipv6 route	ipv6 route <ipv6-prefix>/<prefix_length> [<next-hop-address>   Null0   interface {<unit/slot/port>   tunnel <tunnel_id>} <next-hop-address>] [<preference>]	ARISTANDCA13350585
ipv6 router ospf	ipv6 router ospf	ARISTANDCA13350585
ipv6 unicast-routing	ipv6 unicast-routing	ARISTANDCA13350585
lldp receive	lldp receive	ARISTANDCA13350585
lldp timer	lldp timers [interval <interval-seconds>] [hold <hold-value>] [reinit <reinit-seconds>]	ARISTANDCA13350585
lldp transmit	lldp transmit	ARISTANDCA13350585
log-adjacency-changes	log-adjacency-changes [detail]	ARISTANDCA13350585
log-adjacency-changes (IS-IS)	log-adjacency-changes [detail]	ARISTANDCA13350585
log-adjacency-changes (OSPFv3)	log-adjacency-changes [detail]	ARISTANDCA13350585
logging host	logging host <ipaddr> [hostname] <addresstype> [<port>] [<severitylevel>]	ARISTANDCA13350585
mac access-group	mac access-group <name> {(control-plane in out) vlan vlan-id {in out}} [sequence <1-4294967295>]	ARISTANDCA13350585
maximum-paths	maximum-paths <maxpaths>	ARISTANDCA13350585
maximum-paths (OSPFv3)	maximum-paths <maxpaths>	ARISTANDCA13350585
network area	network <ip-address> <wildcard-mask> area <area-id>	ARISTANDCA13350585
passive-interface	passive-interface <unit/slot/port>	ARISTANDCA13350585
passive-interface (OSPFv3)	passive-interface <unit/slot/port>   tunnel <tunnel-id>	ARISTANDCA13350585
passive-interface default	passive-interface default	ARISTANDCA13350585
port-channel load-balance	port-channel load-balance { 1   2   3   4   5   6   7 } <unit/slot/port>   <all>	ARISTANDCA13350585
priority-flow-control mode	priority-flow-control mode [on   off]	ARISTANDCA13350585
private-vlan	private-vlan {association [add   remove] <secondary-vlan-list>   community   isolated   primary}	ARISTANDCA13350585
router ospf	router ospf	ARISTANDCA13350585
router rip	router rip	ARISTANDCA13350585
router-id	router-id <ipaddress>	ARISTANDCA13350585
router-id (OSPFv3)	router-id <ipaddress>	ARISTANDCA13350585
show arp	show arp	ARISTANDCA13350585
show clock	show clock [detail]	ARISTANDCA13350585
show dot1q-tunnel	show dot1q-tunnel [interface <unit/slot/port>   all]	ARISTANDCA13350585
show dot1x	show dot1x [{summary <unit/slot/port>   all}   detail <unit/slot/port>   statistics <unit/slot/port>]	ARISTANDCA13350585
show dot1x statistics	show dot1x [{summary <unit/slot/port>   all}   detail <unit/slot/port>   statistics <unit/slot/port>]	ARISTANDCA13350585
show flowcontrol **	show flowcontrol [unit/slot/port]	ARISTANDCA00260599
show hosts	show hosts [name]	ARISTANDCA13350585
show interfaces switchport	show interfaces switchport <unit/slot/port> <groupid>	ARISTANDCA13350585
show ip access-lists	show ip access-lists <accesslistnumber>	ARISTANDCA13350585
show ip dhcp snooping	show ip dhcp snooping	ARISTANDCA13350585
show ip helper-address	show ip helper-address <interface>	ARISTANDCA13350585
show ip igmp groups	show ip igmp groups <unit/slot/port> [detail]	ARISTANDCA13350585
show ip igmp interface	show ip igmp interface <unit/slot/port>	ARISTANDCA13350585
show ip interface	show ip interface <unit/slot/port>   vlan <1-4093>   loopback <0-7>	ARISTANDCA13350585
show ip interface brief	show ip interface brief	ARISTANDCA13350585
show ip ospf	show ip ospf	ARISTANDCA13350585
show ip ospf database database-summary	show ip ospf database database-summary	ARISTANDCA13350585
show ip ospf interface	show ip ospf interface {<unit/slot/port>   loopback <loopback-id>   vlan <1-4093>}	ARISTANDCA13350585

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**AMENDED APPENDIX H.NG - NETGEAR Usage of Disputed CLI Commands**

show ip ospf neighbor	show ip ospf neighbor [interface <unit/slot/port>] [<ip-address>]	ARISTANDCA13350585
show ip pim interface	show ip pim interface <unit/slot/port>	ARISTANDCA13350585
show ip pim neighbor	show ip pim neighbor <unit/slot/port>	ARISTANDCA13350585
show ip pim rp-hash	show ip pim rp-hash <group-address>	ARISTANDCA13350585
show ip route	show ip route [{<ip-address> [<protocol>]   [<ip-address> <mask> [longer-prefixes] [<protocol>]   [<protocol>] [all]   all]}	ARISTANDCA13350585
show ip route summary	show ip route summary [all]	ARISTANDCA13350585
show ipv6 interface	show ipv6 interface {brief   <unit/slot/port>   tunnel <0-7>   loopback <0-7>}	ARISTANDCA13350585
show ipv6 ospf	show ipv6 ospf	ARISTANDCA13350585
show ipv6 ospf interface	show ipv6 ospf interface {<unit/slot/port>   loopback <loopback-id>   tunnel <tunnel-id>}	ARISTANDCA13350585
show ipv6 ospf neighbor	show ipv6 ospf neighbor [interface <unit/slot/port>   tunnel <tunnel_id>][<ip-address>]	ARISTANDCA13350585
show ipv6 route	show ipv6 route [{<ipv6-address> [<protocol>]   [{<ipv6-prefix/ipv6-prefix-length>   <unit/slot/port>} [<protocol>]   <protocol>   summary] [all]   all]}	ARISTANDCA13350585
show ipv6 route summary	show ipv6 route summary [all]	ARISTANDCA13350585
show lldp	show lldp	ARISTANDCA13350585
show mac access-lists	show mac access-lists [name]	ARISTANDCA13350585
show monitor session	show monitor session <session-id>	ARISTANDCA13350585
show policy-map interface	show policy-map interface <unit/slot/port> [in   out]	ARISTANDCA13350585
show port-security	show port-security [{<unit/slot/port>   all}]	ARISTANDCA13350585
show radius	show radius	ARISTANDCA13350585
show spanning-tree	show spanning-tree	ARISTANDCA13350585
show spanning-tree interface	show spanning-tree interface <unit/slot/port>	ARISTANDCA13350585
show storm-control	show storm-control [all   <unit/slot/port>]	ARISTANDCA13350585
show tacacs	show tacacs [<ip-address> hostname]	ARISTANDCA13350585
show users	show users	ARISTANDCA13350585
show version	show version	ARISTANDCA13350585
show vlan	show vlan	ARISTANDCA13350585
show vlan private-vlan	show vlan private-vlan [type]	ARISTANDCA13350585
snmp-server community	snmp-server community <name>	ARISTANDCA13350585
snmp-server contact	snmp-server {sysname <name>   location <loc>   contact <con>}	ARISTANDCA13350585
snmp-server enable traps	snmp-server enable traps	ARISTANDCA13350585
snmp-server location	snmp-server {sysname <name>   location <loc>   contact <con>}	ARISTANDCA13350585
spanning-tree bpdupfilter	spanning-tree bpdupfilter	ARISTANDCA13350585
spanning-tree bpduguard	spanning-tree bpduguard	ARISTANDCA13350585
spanning-tree guard	spanning-tree guard { none   root   loop }	ARISTANDCA13350585
switchport private-vlan mapping	switchport private-vlan {host-association <primary-vlan-id> <secondary-vlan-id>   mapping <primary-vlan-id> {add   remove} <secondary-vlan-list>}	ARISTANDCA13350585
tacacs-server host	tacacs-server host <ip-address> hostname	ARISTANDCA13350585
tacacs-server key	tacacs-server key [<key-string>   encrypted <key-string>]	ARISTANDCA13350585
tacacs-server timeout	tacacs-server timeout <timeout>	ARISTANDCA13350585
terminal length	terminal length <0 5-48>	ARISTANDCA13350585
port-channel min-links	port-channel min-links number	ARISTANDCA00279773
router bgp	router bgp as-number	ARISTANDCA00279773
show interfaces status	show interfaces status [unit/slot/port]	ARISTANDCA00279773
show vlan internal usage	show vlan internal usage	ARISTANDCA00279773
spanning-tree cost	spanning-tree cost {cost   auto}	ARISTANDCA00279773
storm-control	storm-control broadcast	ARISTANDCA00279773
vlan internal allocation policy	vlan internal allocation {base vlan-id   policy ascending   policy decending}	ARISTANDCA00279773

\*\* Based on Exhibit Copying-2 to the Almeroth Opening Report, this command abstraction is not used by Cisco, but it is what Cisco and Prof. Almeroth accuses Arista EOS of using.

**Total of 170 command abstractions listed above.**

Disputed Cisco Command	Procket Networks Command Syntax	Procket Networks Manual Bates Number
aaa accounting	[no] aaa accounting {commands <level>   exec   system} default {start-stop   stop-only} {none   radius   tacacs+}	ARISTANDCA13357279
aaa authentication login	[no] aaa authentication {enable   login   password-prompt   user-prompt} default {local   none   radius   tacacs+}	ARISTANDCA13357279
address-family	[no] address-family ipv6 unicast	ARISTANDCA13357095
area default-cost	[no] area <area-id> default-cost <cost>	ARISTANDCA13357095
area default-cost (OSPFv3)	[no] area <area-id> default-cost <cost>	ARISTANDCA13357095
area range	[no] area <area-id> range <ipv6-prefix> [advertise   not-advertise]	ARISTANDCA13357095
area range (OSPFv3)	[no] area <area-id> range <ipv6-prefix> [advertise   not-advertise]	ARISTANDCA13357095
area stub	[no] area <area-id> stub [no-summary]	ARISTANDCA13357095
area stub (OSPFv3)	[no] area <area-id> stub [no-summary]	ARISTANDCA13357095
banner login	[no] banner login	ARISTANDCA13357279
banner motd	[no] banner motd	ARISTANDCA13357279
clear counters	clear counters {all   <interface_name>}	ARISTANDCA13357279
clear ip bgp	clear ip bgp [<ip-address>   *]	ARISTANDCA13356947
clock timezone	[no] clock timezone <timezone>   <offset>	ARISTANDCA13357279
default-information originate (OSPF)	[no] default-information originate [always] [metric <metric-value>] [metric-type <type>]	ARISTANDCA13357095
default-information originate (OSPFv3)	[no] default-information originate [always] [metric <metric-value>] [metric-type <type>]	ARISTANDCA13357095
default-metric (OSPF)	[no] ipv6 default-metric <value>	ARISTANDCA13357095
default-metric (OSPFv3)	[no] ipv6 default-metric <value>	ARISTANDCA13357095
enable secret	[no] enable secret [level <level>] [{0} <cleartext-password>   5 <MD5-encrypted-password>]	ARISTANDCA13357887
interface ethernet	interface Ethernet0/0/4	ARISTANDCA13357095
interface loopback	interface Loopback0	ARISTANDCA13357095
ip access-group	ip access-group	ARISTANDCA13356947
ip address	ip address	ARISTANDCA13356947
ip host	ip host	ARISTANDCA13357095
ip name-server	Manual example shows: ip name-server 10.1.1.1	ARISTANDCA13357887
ip ospf message-digest-key	Manual example shows: ip ospf message-digest-key 1 md5 0 procket	ARISTANDCA13357887
ip pim rp-address	ip pim rp-address 1.1.1.1	ARISTANDCA13356947
ip pim sparse-mode	ip pim sparse-mode	ARISTANDCA13356947
ip radius source-interface	[no] ip radius source-interface <interface-type> <number>	ARISTANDCA13357887
ip route	ip route	ARISTANDCA13356947
ip tacacs source-interface	[no] ip tacacs+ source-interface <interface-type> <number>	ARISTANDCA13357887
ipv6 access-group	[no] ipv6 access-group <policy-name> [in   out]	ARISTANDCA13358495
ipv6 address	ipv6 address <ipv6-address>/<mask-length> [eui64]	ARISTANDCA13357095
ipv6 host	[no] ipv6 host <ipv6-hostname> <ipv6-address> [<ipv6-address>]	ARISTANDCA13357095
ipv6 nd managed-config-flag	[no] ipv6 nd managed-config-flag	ARISTANDCA13357095
ipv6 nd ns-interval	ipv6 nd ns-interval <interval>	ARISTANDCA13357095
ipv6 nd other-config-flag	[no] ipv6 nd other-config-flag	ARISTANDCA13357095
ipv6 nd ra interval	ipv6 nd ra-interval <interval>	ARISTANDCA13357095
ipv6 nd ra lifetime	ipv6 nd ra-lifetime <lifetime>	ARISTANDCA13357095
ipv6 nd reachable-time	ipv6 nd reachable-time <time>	ARISTANDCA13357095
ipv6 neighbor	ipv6 neighbor <ipv6-address> <mac-address>	ARISTANDCA13357095
ipv6 route	[no] ipv6 route <ipv6-prefix> [<nexthop>   <interface>] [<preference>]	ARISTANDCA13357095
is-type	Manual example shows: is-type level-1-2	ARISTANDCA13357887
load-interval	[no] load-interval <seconds>	ARISTANDCA13357279
log-adjacency-changes	[no] log-adjacency-changes [detail]	ARISTANDCA13357095
log-adjacency-changes (IS-IS)	[no] log-adjacency-changes [detail]	ARISTANDCA13357095
log-adjacency-changes (OSPFv3)	[no] log-adjacency-changes [detail]	ARISTANDCA13357095
logging host	[no] logging host <host> facility <facility> [level <level>] [no] logging host <host> facility-override <facility>	ARISTANDCA13357887
maximum-paths	[no] maximum-paths <max-paths>	ARISTANDCA13357095
maximum-paths (OSPFv3)	[no] maximum-paths <max-paths>	ARISTANDCA13357095
neighbor remote-as	neighbor 192.65.184.74 remote-as 513 (sample configuration only)	ARISTANDCA00234259
no snmp-server	[no] snmp-server	ARISTANDCA13357279
ntp authenticate	[no] ntp authenticate	ARISTANDCA13357279
ntp authentication-key	ntp authentication-key <key-id> md5 [encryption-method] <key-string>	ARISTANDCA13357279
ntp server	[no] ntp server <ip-address> [version <number>] [key <id>] [prefer]	ARISTANDCA13357279
ntp source	ntp source <interface>	ARISTANDCA13357279
ntp trusted-key	[no] ntp trusted-key <keyid>	ARISTANDCA13357279
radius-server host	radius-server host (example configuration file only)	ARISTANDCA00234259
router bgp	router bgp 1010	ARISTANDCA13356947
router isis	[no] ipv6 router isis <tag>	ARISTANDCA13357095
router ospf	router ospf 101	ARISTANDCA13356947
router rip	[no] router rip <tag>	ARISTANDCA13357095
router-id	[no] router-id <identifier>	ARISTANDCA13357095
router-id (OSPFv3)	[no] router-id <identifier>	ARISTANDCA13357095
show clock	show clock	ARISTANDCA13357279
show environment power	show environment power	ARISTANDCA13357279
show environment temperature	show environment temperature [[switch-card <slot-number>]   [[line-card <slot-number>] / [ma-card <slot-number>]]]	ARISTANDCA13357279
show hosts	show hosts	ARISTANDCA13357279
show inventory	show inventory	ARISTANDCA13357279
show ip arp	show ip arp (referencing the IPv4 Routing Protocols guide)	ARISTANDCA13357887

show ip bgp	show ip bgp	ARISTANDCA13356947
show ip bgp community	show ip bgp community	ARISTANDCA13356947
show ip bgp neighbors	show ip bgp neighbors 10.3.66.161 routes advertised	ARISTANDCA13356947
show ip bgp summary	show ip bgp summary	ARISTANDCA13356947
show ip interface	show ip interface	ARISTANDCA13356947
show ip interface brief	Manual example shows: Router(config-if)# show ip interface brief	ARISTANDCA13357887
show ip ospf	show ip ospf border-routers (see index) show ip ospf database (see index) show ip ospf interface (see index) show ip ospf neighbors (see index) show ip ospf request-list (see index) show ip ospf route (see index) show ip ospf statistics (see index)	ARISTANDCA13357095
show ip ospf border-routers	show ip ospf border-routers (see index)	ARISTANDCA13357095
show ip ospf interface	show ip ospf interface (see index)	ARISTANDCA13357095
show ip ospf request-list	show ip ospf request-list (see index)	ARISTANDCA13357095
show ip route	show ip route	ARISTANDCA13356947
show ipv6 bgp	show ipv6 bgp [<A::C:D/LEN>] [<command>]	ARISTANDCA13357095
show ipv6 bgp neighbors	show ipv6 bgp neighbors	ARISTANDCA13357095
show ipv6 bgp summary	show ipv6 bgp summary	ARISTANDCA13357095
show ipv6 interface	show ipv6 interface [<interface>   <ipv6-address>]	ARISTANDCA13357095
show ipv6 route	show ipv6 route	ARISTANDCA13357095
show ipv6 route summary	show ipv6 route summary	ARISTANDCA13357095
show isis database	show isis database	ARISTANDCA13356947
show isis interface	show isis interface	ARISTANDCA13356947
show ntp associations	show ntp associations [detail]	ARISTANDCA13357279
show ntp status	show ntp status	ARISTANDCA13357279
show privilege	show privilege	ARISTANDCA13357279
show radius	show radius	ARISTANDCA13357279
show users	show users	ARISTANDCA13357279
show version	show version [all   <component>]	ARISTANDCA13357279
snmp-server community	[no] snmp-server community [0 3] [<encrypted_password>]	ARISTANDCA13357279
snmp-server contact	[no] snmp-server contact <contact>	ARISTANDCA13357279
snmp-server enable traps	[no] snmp-server enable traps [bgp   chassis   ldp   ospf   snmp   te]	ARISTANDCA13357279
snmp-server host	[no] snmp-server host <host-address> <community>[bgp][chassis][snmp] [udp- port <1-65535>][version {1   2c}]	ARISTANDCA13357279
snmp-server location	[no] snmp-server location <location>	ARISTANDCA13357279
tacacs-server host	[no] tacacs-server host <ip-address> [key <secret-key>] [port <port>] [single- connection] [timeout <seconds>]	ARISTANDCA13357279
tacacs-server key	tacacs-server key [<encryption-method>] <key-string>	ARISTANDCA13357279
tacacs-server timeout	tacacs-server timeout <seconds>	ARISTANDCA13357279
terminal length	terminal length <lines>	ARISTANDCA13357279
terminal monitor	[no] terminal monitor	ARISTANDCA13357279

Total of 105 command abstractions listed above.

Disputed Cisco Command	Redback Networks Command Syntax	Redback Manual Bates Number
aaa accounting	aaa accounting administrator tacacs+ // aaa accounting commands level tacacs+ [except except-level] // aaa accounting event {dhcp   reauthorization} // aaa accounting l2tp {session   tunnel} {none   radius} // aaa accounting reauthorization subscriber {none   radius} //aaa accounting subscriber {none   radius} ....	ARISTANDCA13359558
address-family	address-family ipv4 {multicast   unicast}	ARISTANDCA13361534
aggregate-address	aggregate-address {ip-addr/prefix-length   ipv6-addr/prefix-length} [as-set] [component-map map-name] [attribute-map map-name]	ARISTANDCA13361534
banner login	banner login delimited-text	ARISTANDCA13361534
banner motd	banner motd delimited-text	ARISTANDCA13358934
clear arp-cache	clear arp-cache [ip-addr]	ARISTANDCA13360216
clear ip mroute	clear ip mroute {group-addr [src-addr]}   *	ARISTANDCA13362362
clock set	clock set yyyy:mm:dd:hh:mm[:ss]	ARISTANDCA13359268
default-information originate (OSPF)	default-information originate [route-map map-name]	ARISTANDCA13361534
default-information originate (OSPFv3)	default-information originate [route-map map-name]	ARISTANDCA13361534
default-metric (OSPF)	default-metric metric	ARISTANDCA13361534
default-metric (OSPFv3)	default-metric metric	ARISTANDCA13361534
interface loopback	interface if-name [bridge   intercontext if-type grp-num   loopback   multibind [lastresort]   p2p]	ARISTANDCA13358934
ip access-group	ip access-group acl-name {in   out} [count] [log]	ARISTANDCA13359558
ip address	ip address ip-addr [netmask   /prefix-length] [secondary] [tag tag]	ARISTANDCA13358934
ip domain lookup	ip domain-lookup	ARISTANDCA13359558
ip domain-name	ip domain-name name	ARISTANDCA13359558
ip host	ip host hostname ip-addr	ARISTANDCA13359558
ip multicast boundary	ip multicast boundary acl-name	ARISTANDCA13361534
ip nat pool	ip nat pool pool-name [napt [multibind]]	ARISTANDCA13359558
ip pim rp-address	ip pim rp-address 10.200.1.2	ARISTANDCA13361534
ip prefix-list	ip prefix-list pl-name	ARISTANDCA13361534
ip route	ip route ip-addr/prefix-length {next-hop-ip-addr   next-hop-if-name   null0   context ctx-name} [dvsr dvsr-profile-name [verify-address verify-addr]] [cost cost] [description text] [distance distance] [permanent] [tag tag]	ARISTANDCA13361534
ipv6 address	ipv6 address ip-addr/prefix-length [secondary]	ARISTANDCA13358934
ipv6 host	ipv6 host hostname ipv6-addr	ARISTANDCA13359558
ipv6 prefix-list	ipv6 prefix-list pl-name	ARISTANDCA13361534
ipv6 route	ipv6 route ipv6-addr/prefix-length {next-hop-ipv6-addr   next-hop-if-name   null0} [cost cost] [distance distance] [permanent] [tag tag]	ARISTANDCA13361534
isis passive-interface	isis passive-interface	ARISTANDCA13361534
mac-address	mac-address mac-addr	ARISTANDCA13360544
maximum-paths	maximum-paths path-num	ARISTANDCA13361534
maximum-paths (OSPFv3)	maximum-paths path-num	ARISTANDCA13361534
passive-interface	passive-interface	ARISTANDCA13361534
passive-interface (OSPFv3)	maximum-paths path-num	ARISTANDCA13361534
route-map	route-map map-name {in   out}	ARISTANDCA13361534
router bgp	router bgp {asn   nn:nn}	ARISTANDCA13361534
router isis	router isis instance-name	ARISTANDCA13361534
router ospf	router ospf instance	ARISTANDCA13361534
router rip	router rip instance	ARISTANDCA13361534
router-id	router-id ip-addr	ARISTANDCA13361534
router-id (OSPFv3)	router-id ip-addr	ARISTANDCA13361534
set-overload-bit	set-overload-bit [on-startup [interval]   bgp-converge-delay [interval]   strict-bgp-tracking]	ARISTANDCA13361534
show clock	show clock [universal]	ARISTANDCA13359268
show ip interface	show ip interface [if-name   brief   xcrp [bytes]]	ARISTANDCA13359268
show ip interface brief	show ip interface [if-name   brief   xcrp [bytes]]	ARISTANDCA13359268
show ip mroute	show ip mroute [group-addr [src-addr]] [count]	ARISTANDCA13362362
show ip mroute count	show ip mroute [group-addr [src-addr]] [count]	ARISTANDCA13362362
show ip prefix-list	show ip prefix-list [pl-name   first-match pl-name ip-addr/prefix-length   summary [pl-name]]	ARISTANDCA13362362
show ip route	show ip route [ip-addr [/prefix-length [longer-prefixes   shorter-prefixes]] [detail]	ARISTANDCA13362362
show ip route summary	show ip route summary	ARISTANDCA13362362
show ipv6 interface	show ipv6 interface [if-name   brief]	ARISTANDCA13359268
show ipv6 prefix-list	show ipv6 prefix-list [pl-name   first-match pl-name ipv6-addr/prefix-length   summary [pl-name]]	ARISTANDCA13362362
show ipv6 route	show ipv6 route [ipv6-addr [/prefix-length [longer-prefixes   shorter-prefixes   detail]]   all   bgp   connected   hidden   multicast [ip-addr/prefix-length]] [bgp] [next-hop] [rip] [static] [summary]   next-hop   registered   rip   static   summary   xcrp]	ARISTANDCA13362362
show ipv6 route summary	show ipv6 route [ipv6-addr [/prefix-length [longer-prefixes   shorter-prefixes   detail]]   all   bgp   connected   hidden   multicast [ip-addr/prefix-length]] [bgp] [next-hop] [rip] [static] [summary]   next-hop   registered   rip   static   summary   xcrp]	ARISTANDCA13362362
show isis database	show isis [instance-name] database [detail   extensive] [level-1   level-2] [isp-id   sys-id]	ARISTANDCA13362362
show isis topology	show isis [instance-name] [multicast] topology [l1   l2   level-1   level-2]	ARISTANDCA13362362
show ntp associations	show ntp associations	ARISTANDCA13360216
show ntp status	show ntp status	ARISTANDCA13360216

show privilege	show privilege	ARISTANDCA13359268
show route-map	show route-map [map-name] [summary]	ARISTANDCA13362362
show snmp	show snmp [accesses   communities   server   targets   views]	ARISTANDCA13359268
show version	show version	ARISTANDCA13359268
show vrrp	show vrrp [debug   memory   routers [if-name   vrrp-id]   statistics [if-name   vrrp-id]]	ARISTANDCA13362362
spf-interval	spf interval seconds [level-1   level-2]	ARISTANDCA13361534
terminal length	terminal length length	ARISTANDCA13359268
terminal monitor	terminal monitor	ARISTANDCA13359268
timers basic (RIP)	timers basic update-interval invalid-interval holddown-interval flush-interval	ARISTANDCA13361534

Total of 66 command abstractions listed above.

**AMENDED APPENDIX H.SU - ORACLE/SUN Usage of Disputed CLI Commands**

Disputed Cisco Command	Sun/Oracle Command Syntax	Sun/Oracle Manual Bates Number
area default-cost	area <areaid> default-cost <1-16777215>	ARISTANDCA13363036
area nssa	area <areaid> nssa	ARISTANDCA13363036
area nssa default-information-originate	area <areaid> nssa default-info-originate [<metric>] [{comparable   non-comparable}]	ARISTANDCA13363036
area nssa no-summary	area <areaid> nssa no-summary	ARISTANDCA13363036
area range	area <areaid> range <ipaddr> <subnetmask> {summarylink   nssaexternallink} [advertise   not-advertise]	ARISTANDCA13363036
area stub	area <areaid> stub	ARISTANDCA13363036
arp timeout	arp timeout <15-21600>	ARISTANDCA13363036
channel-group	channel-group 1-65535 mode {on   active   passive}	ARISTANDCA13363443
clear arp-cache	clear arp-cache [gateway]	ARISTANDCA13363036
clear counters	clear counters {<slot/port>   all}	ARISTANDCA13363036
clear lldp counters	clear lldp counters	ARISTANDCA13363443
clear lldp table	clear lldp table	ARISTANDCA13363443
clock set	clock set hh:mm:ss day_1-31 {january   february   march   april   may   june   july   august   september   october   november   december} year_1970-2035	ARISTANDCA13363443
default-information originate (OSPF)	default-information originate [always] [metric <0- 16777215>] [metric-type {1   2}]	ARISTANDCA13363036
default-metric (OSPF)	default-metric <1-16777215>	ARISTANDCA13363036
dot1x port-control	dot1x port-control {force-unauthorized   force-authorized   auto}	ARISTANDCA13363036
dot1x reauthentication	dot1x re-authentication	ARISTANDCA13363036
dot1x system-auth-control	dot1x system-auth-control	ARISTANDCA13363036
dot1x timeout quiet-period	dot1x timeout {{reauth-period <seconds>}   {quiet-period <seconds>}   {tx-period <seconds>}   {supp-timeout <seconds>}   {server-timeout <seconds>}}	ARISTANDCA13363036
dot1x timeout reauth-period	dot1x timeout {{reauth-period <seconds>}   {quiet-period <seconds>}   {tx-period <seconds>}   {supp-timeout <seconds>}   {server-timeout <seconds>}}	ARISTANDCA13363036
dot1x timeout tx-period	dot1x timeout {{reauth-period <seconds>}   {quiet-period <seconds>}   {tx-period <seconds>}   {supp-timeout <seconds>}   {server-timeout <seconds>}}	ARISTANDCA13363036
flowcontrol receive	flowcontrol {send   receive} {on   off}	ARISTANDCA13363443
flowcontrol send	flowcontrol {send   receive} {on   off}	ARISTANDCA13363443
ip access-group	ip access-group <accesslistnumber> <in   out>	ARISTANDCA13363036
ip access-list	ip access-list {standard access-list-number_1-10   extended access-list-number_11-512} no ip access-list {standard access-list-number_1-10   extended access-list-number_11-512}	ARISTANDCA13363443
ip address	ip address <ipaddr> <subnetmask>	ARISTANDCA13363036
ip helper-address	ip helper-address ip-address	ARISTANDCA13363443
ip igmp snooping	ip igmp snooping	ARISTANDCA13363443
ip igmp snooping querier	ip igmp snooping querier	ARISTANDCA13363443
ip igmp snooping vlan	ip igmp snooping vlan 1-4094 immediate-leave //ip igmp snooping vlan mrouter	ARISTANDCA13363443
ip ospf authentication	ip ospf authentication {none   {simple <key>}   {encrypt <key> <keyid>}}	ARISTANDCA13363036
ip ospf cost	ip ospf cost <1-5535>	ARISTANDCA13363036
ip ospf dead-interval	ip ospf dead-interval <1-2147483647>	ARISTANDCA13363036
ip ospf hello-interval	ip ospf hello-interval <1-65535>	ARISTANDCA13363036
ip ospf priority	ip ospf priority <0-255>	ARISTANDCA13363036
ip ospf retransmit-interval	ip ospf retransmit-interval <0-3600>	ARISTANDCA13363036
ip ospf transmit-delay	ip ospf transmit-delay <1-3600>	ARISTANDCA13363036
ip route	ip route <ip_addr> <subnet_mask> <nextHopRtr> [<preference>]	ARISTANDCA13363036
ip routing	ip routing	ARISTANDCA13363036
lacp port-priority	lacp port-priority 0-65535	ARISTANDCA13363443
lacp rate	lacp rate {normal   fast}	ARISTANDCA13363443
lacp system-priority	lacp system-priority 0-65535	ARISTANDCA13363443
lldp receive	lldp {transmit   receive}	ARISTANDCA13363443
lldp transmit	lldp {transmit   receive}	ARISTANDCA13363443
mac-address-table aging-time	mac-address-table aging-time 10-1000000	ARISTANDCA13363443
maximum-paths	maximum-paths 1-16	ARISTANDCA13363443
route-map	route-map name_1-20 [{permit   deny}] [seqnum_1-10]	ARISTANDCA13363443
router bgp	router bgp <1-65535>	ARISTANDCA13363036
router ospf	router ospf	ARISTANDCA13363036
router rip	router rip	ARISTANDCA13363036
router-id	router-id <ipaddress>	ARISTANDCA13363036
show arp	show arp switch	ARISTANDCA13363036



**AMENDED APPENDIX H.SU - ORACLE/SUN Usage of Disputed CLI Commands**

show clock	show clock	ARISTANDCA13363443
show dot1q-tunnel	show dot1q-tunnel	ARISTANDCA13363036
show dot1x	show dot1x [{summary <slot/port>   all}   {detail <slot/port>}   {statistics <slot/port>}]	ARISTANDCA13363036
show dot1x statistics	show dot1x [{summary <slot/port>   all}   {detail <slot/port>}   {statistics <slot/port>}]	ARISTANDCA13363036
show etherchannel	show etherchannel [{channel-group-number} {detail   load-balance   port   port-channel   summary   protocol}]	ARISTANDCA13363443
show interfaces	show interfaces [{[interface-type interface-id] [{description   storm-control   flowcontrol   capabilities   status}]   vlan 1-4094   port-channel 1-65535   tunnel 0-128}]	ARISTANDCA13363443
show interfaces capabilities	show interfaces [{[interface-type interface-id] [{description   storm-control   flowcontrol   capabilities   status}]   vlan 1-4094   port-channel 1-65535   tunnel 0-128}]	ARISTANDCA13363443
show interfaces description	show interfaces [{[interface-type interface-id] [{description   storm-control   flowcontrol   capabilities   status}]   vlan 1-4094   port-channel 1-65535   tunnel 0-128}]	ARISTANDCA13363443
show interfaces flowcontrol	show interfaces [{[interface-type interface-id] [{description   storm-control   flowcontrol   capabilities   status}]   vlan 1-4094   port-channel 1-65535   tunnel 0-128}]	ARISTANDCA13363443
show interfaces status	show interfaces [{[interface-type interface-id] [{description   storm-control   flowcontrol   capabilities   status}]   vlan 1-4094   port-channel 1-65535   tunnel 0-128}]	ARISTANDCA13363443
show inventory	(shown as example in manual) show inventory	ARISTANDCA13363036
show ip access-lists	show ip access-lists <accesslistnumber>	ARISTANDCA13363036
show ip arp	show ip arp [{Vlan 1-4094   interface-type interface-id   ip-address   mac-address   summary   information}]	ARISTANDCA13363443
show ip igmp snooping	show ip igmp snooping [Vlan vlan-id] [switch switch-name]	ARISTANDCA13363443
show ip igmp snooping groups	show ip igmp snooping groups [Vlan vlan-id] [Group address] [switch switch-name]	ARISTANDCA13363443
show ip igmp snooping mrouter	show ip igmp snooping mrouter [Vlan vlan-index] [redundancy] [detail] [switch switch-name]	ARISTANDCA13363443
show ip interface	show ip interface [Vlan 1-4094] [interface-type interface-id] [loopback 0-100]	ARISTANDCA13363443
show ip interface brief	show ip interface brief	ARISTANDCA13363036
show ip ospf	show ip ospf	ARISTANDCA13363036
show ip ospf interface	show ip ospf interface <slot/port>	ARISTANDCA13363036
show ip ospf neighbor	show ip ospf neighbor <ipaddr> <slot/port>	ARISTANDCA13363036
show ip route	show ip route	ARISTANDCA13363036
show ip route summary	show ip route [{ip-address mask   connected   ospf   rip   static   summary}]	ARISTANDCA13363443
show lacp counters	show lacp [port-channel_1-65535] {counters   neighbor [detail]}	ARISTANDCA13363443
show lacp neighbor	show lacp [port-channel_1-65535] {counters   neighbor [detail]}	ARISTANDCA13363443
show lldp	show lldp	ARISTANDCA13363443
show lldp neighbors	show lldp neighbors [chassis-id string_255 port-id string_255] [interface-type interface-id] [detail]	ARISTANDCA13363443
show lldp traffic	show lldp traffic [iftype ifnum]	ARISTANDCA13363443
show mac-address-table	show mac-address-table [vlan 1-4094] [address aa:aa:aa:aa:aa:aa] [interface interface-type interface-id]	ARISTANDCA13363443
show mac-address-table aging time	show mac-address-table aging-time [switch switch-or-context-name]	ARISTANDCA13363443
show mac-address-table count	show mac-address-table count [vlan 1-4094] [switch switch-or-context-name]	ARISTANDCA13363443
show monitor session	show monitor [session 1-10] [detail]	ARISTANDCA13363443
show policy-map interface	show policy-map interface <slot/port> <in   out>	ARISTANDCA13363036
show privilege	show privilege	ARISTANDCA13363443
show radius	show radius [servers] // show radius accounting [statistics <ipaddr>]	ARISTANDCA13363036
show route-map	show route-map [name 1-20]	ARISTANDCA13363443
show snmp	show snmp	ARISTANDCA13363443
show snmp community	show snmp community	ARISTANDCA13363443
show snmp engineID	show snmp engineID	ARISTANDCA13363443
show snmp group	show snmp group // show snmp group access	ARISTANDCA13363443
show snmp user	show snmp user	ARISTANDCA13363443
show spanning-tree	show spanning-tree [{summary   blockedports   pathcost method}] [switch context-name]	ARISTANDCA13363443
show spanning-tree blockedports	show spanning-tree [{summary   blockedports   pathcost method}] [switch context-name]	ARISTANDCA13363443
show spanning-tree bridge	show spanning-tree bridge [{address   forward-time   hello-time   id   max-age   protocol   priority   detail}] [switch context-name]	ARISTANDCA13363443
show spanning-tree interface	show spanning-tree interface interface-type interface-id [{cost   priority   portfast   rootcost   restricted-role   restricted-tcn   state   stats   detail}]	ARISTANDCA13363443
show spanning-tree mst	spanning-tree mst instance-id_1-64 {cost 1-200000000   port-priority 0-240   disable}	ARISTANDCA13363443
show spanning-tree mst configuration	show spanning-tree mst configuration [switch context-name]	ARISTANDCA13363443
show spanning-tree root	show spanning-tree root [{address   cost   forward-time   id   max-age   port   priority   detail}] [switch context-name]	ARISTANDCA13363443
show storm-control	show storm-control	ARISTANDCA13363036
show track	show track [object-number]	ARISTANDCA13363036
show users	show users	ARISTANDCA13363036
show vlan	show vlan <vlanid>	ARISTANDCA13363036
show vlan summary	show vlan [brief   id vlan-range   summary] [switch context-name]	ARISTANDCA13363443



**AMENDED APPENDIX H.SU - ORACLE/SUN Usage of Disputed CLI Commands**

snmp-server community	snmp community index <i>CommunityIndex</i> name <i>CommunityName</i> security <i>SecurityName</i> [context <i>ContextName</i> ] [{volatile   nonvolatile}] [transporttag <i>TransportTagIdentifier</i>   none] [contextengineid <i>ContextEngineID</i> ]	ARISTANDCA13363443
snmp-server enable traps	snmp-server enable traps [{firewall-limit} [linkup] [linkdown] [coldstart]] // snmp-server enable traps snmp authentication	ARISTANDCA13363443
spanning-tree bpdupfilter	spanning-tree bpdupfilter {disable   enable}	ARISTANDCA13363443
spanning-tree bpduguard	spanning-tree bpduguard {disable   enable}	ARISTANDCA13363443
spanning-tree cost	spanning-tree {cost 0-200000000   disable   link-type {point-to-point   shared}   portfast   port-priority 0-240}	ARISTANDCA13363443
spanning-tree guard	spanning-tree guard {root   none   loop}	ARISTANDCA13363443
spanning-tree link-type	spanning-tree {cost 0-200000000   disable   link-type {point-to-point   shared}   portfast   port-priority 0-240}	ARISTANDCA13363443
spanning-tree mode	spanning-tree mode {mst   rst}	ARISTANDCA13363443
spanning-tree mst configuration	show spanning-tree mst configuration [switch <i>context-name</i> ]	ARISTANDCA13363443
spanning-tree port-priority	spanning-tree {cost 0-200000000   disable   link-type {point-to-point   shared}   portfast   port-priority 0-240}	ARISTANDCA13363443
spanning-tree transmit hold-count	spanning-tree transmit hold-count 1-10	ARISTANDCA13363443
spanning-tree vlan	spanning-tree vlan 1-4094 {forward-time 4-30   hello-time 1-10   max-age 6-40   hold-count 1-10   brg-priority 0-61440   root {primary   secondary}}	ARISTANDCA13363443
storm-control	storm-control {broadcast   multicast   dlf} level Mbps_1-10000	ARISTANDCA13363443
switchport access vlan	switchport access vlan 1-4094	ARISTANDCA13363443
switchport mode	switchport mode { access   trunk   hybrid   {dynamic {auto   desirable}}}	ARISTANDCA13363443

Total of 120 command abstractions listed above.

**AMENDED APPENDIX J.3 - Procket Networks vs. Cisco Command Overlap (2003/2004)**

<b>Procket Networks CLI Commands (2003/2004)</b>	
1.	aaa accounting commands level default start-stop radius
2.	aaa accounting commands level default stop-only radius
3.	aaa accounting exec default start-stop none
4.	aaa accounting exec default start-stop radius
5.	aaa accounting exec default stop-only none
6.	aaa accounting exec default stop-only radius
7.	aaa accounting system default start-stop none
8.	aaa accounting system default start-stop radius
9.	aaa accounting system default stop-only none
10.	aaa accounting system default stop-only radius
11.	aaa authorization exec default local
12.	aaa authorization exec default none
13.	address ip-address
14.	address-family ipv6 unicast
15.	area area-id default-cost cost
16.	area area-id stub
17.	area area-id stub no-summary
18.	area area-id virtual-link router-id
19.	banner motd
20.	clear bgp
21.	clear bgp dampening
22.	clear ipv6 icmp interface statistics
23.	clear ipv6 neighbor
24.	clear ipv6 traffic
25.	clear ospfv3 neighbor neighbor-id
26.	clear ospfv3 statistics
27.	clear ospfv3 traffic
28.	clock source
29.	configure memory
30.	configure terminal
31.	dampening
32.	databits 7
33.	databits 8
34.	dead-interval seconds
35.	debug ipv6 icmp
36.	debug ipv6 nd
37.	debug ipv6 packet
38.	debug ipv6 routing
39.	debug lacp
40.	debug lacp all
41.	debug ospfv3 events
42.	debug ospfv3 hello
43.	debug ospfv3 lsa-generation
44.	debug ospfv3 retransmission
45.	default-information originate

**AMENDED APPENDIX J.3 - Procket Networks vs. Cisco Command Overlap (2003/2004)**

46.	default-information originate always
47.	default-information originate metric metric-value
48.	description text
49.	disable
50.	distance value
51.	enable
52.	enable level
53.	hello-interval seconds
54.	interface loopback number
55.	ipv6 nd hop-limit hop-limit
56.	ipv6 nd managed-config-flag
57.	ipv6 nd other-config-flag
58.	ipv6 nd ra-interval interval
59.	ipv6 nd reachable-time time
60.	ipv6 nd retrans-timer time
61.	keepalive
62.	line aux
63.	line aux 0
64.	line console
65.	line console 0
66.	line vty
67.	load-interval seconds
68.	log-adjacency-changes
69.	log-adjacency-changes detail
70.	logging console
71.	logging monitor
72.	logging source-interface interface
73.	loopback line
74.	match tag tag-value
75.	mode
76.	mtu bytes
77.	no aaa accounting commands level default start-stop radius
78.	no aaa accounting commands level default stop-only radius
79.	no aaa accounting exec default start-stop radius
80.	no aaa accounting exec default stop-only radius
81.	no aaa accounting system default start-stop radius
82.	no aaa accounting system default stop-only radius
83.	no address ip-address
84.	no address-family ipv6 unicast
85.	no area area-id default-cost cost
86.	no area area-id stub
87.	no area area-id stub no-summary
88.	no area area-id virtual-link router-id
89.	no banner motd
90.	no dampening
91.	no debug ipv6 icmp
92.	no debug ipv6 nd

**AMENDED APPENDIX J.3 - Procket Networks vs. Cisco Command Overlap (2003/2004)**

93.	no debug ipv6 packet
94.	no debug ipv6 routing
95.	no debug lacp
96.	no debug lacp all
97.	no debug ospfv3 hello
98.	no debug ospfv3 lsa-generation
99.	no debug ospfv3 retransmission
100.	no default-information originate
101.	no default-information originate always
102.	no default-information originate metric metric-value
103.	no description text
104.	no disable
105.	no enable
106.	no interface loopback number
107.	no ipv6 address
108.	no ipv6 nd hop-limit
109.	no ipv6 nd hop-limit hop-limit
110.	no ipv6 nd managed-config-flag
111.	no ipv6 nd mtu
112.	no ipv6 nd ns-interval
113.	no ipv6 nd other-config-flag
114.	no ipv6 nd ra-interval
115.	no ipv6 nd ra-interval interval
116.	no ipv6 nd reachable-time
117.	no ipv6 nd reachable-time time
118.	no ipv6 nd retrans-timer
119.	no ipv6 nd retrans-timer time
120.	no load-interval seconds
121.	no log-adjacency-changes
122.	no log-adjacency-changes detail
123.	no logging console
124.	no logging monitor
125.	no logging source-interface interface
126.	no match tag tag-value
127.	no mode
128.	no ntp server ip-address
129.	no ntp server ip-address prefer
130.	no ntp source
131.	no ospfv3 dead-interval seconds
132.	no ospfv3 hello-interval seconds
133.	no ospfv3 network broadcast
134.	no ospfv3 network point-to-point
135.	no ospfv3 retransmit-interval seconds
136.	no ospfv3 transmit-delay seconds
137.	no parity even
138.	no parity none
139.	no parity odd

**AMENDED APPENDIX J.3 - Procket Networks vs. Cisco Command Overlap (2003/2004)**

140.	no preempt
141.	no service password-encryption
142.	no set metric
143.	no set tag tag-value
144.	no shutdown
145.	no snmp-server
146.	no snmp-server enable traps
147.	no snmp-server enable traps bgp
148.	no snmp-server enable traps snmp
149.	no snmp-server location location
150.	no stopbits 1
151.	no stopbits 2
152.	no tunnel destination
153.	no tunnel destination ip-address
154.	no tunnel mode gre ip
155.	no tunnel source
156.	ntp server ip-address
157.	ntp server ip-address prefer
158.	ntp server ip-address version number
159.	ntp server ip-address version number prefer
160.	ospfv3 dead-interval seconds
161.	ospfv3 hello-interval seconds
162.	ospfv3 network broadcast
163.	ospfv3 network point-to-point
164.	ospfv3 retransmit-interval seconds
165.	ospfv3 transmit-delay seconds
166.	parity even
167.	parity none
168.	parity odd
169.	ping
170.	pos flag
171.	preempt
172.	radius-server retransmit retries
173.	radius-server timeout seconds
174.	reload
175.	service password-encryption
176.	set metric metric-value
177.	set tag tag-value
178.	show bgp ipv6
179.	show bgp ipv6 unicast
180.	show clock
181.	show environment
182.	show environment fan
183.	show environment power
184.	show hardware
185.	show hosts
186.	show interface

**AMENDED APPENDIX J.3 - Procket Networks vs. Cisco Command Overlap (2003/2004)**

187.	show interface dampening
188.	show inventory
189.	show ipv6 client
190.	show ipv6 fragments
191.	show ipv6 interface
192.	show ipv6 interface brief
193.	show ipv6 mroute
194.	show ipv6 mroute group
195.	show ipv6 mroute group source
196.	show ipv6 mroute group summary
197.	show ipv6 mroute source group
198.	show ipv6 nd interface
199.	show ipv6 neighbor
200.	show ipv6 neighbor interface
201.	show ipv6 ospfv3 policy statistics redistribute direct
202.	show ipv6 ospfv3 policy statistics redistribute static
203.	show ipv6 rip
204.	show ipv6 route
205.	show ipv6 route protocol
206.	show ipv6 route summary
207.	show ipv6 static-route
208.	show ipv6 traffic
209.	show isis ipv6 summary-address
210.	show line
211.	show line console
212.	show logging
213.	show monitor
214.	show ntp associations
215.	show ntp associations detail
216.	show ntp status
217.	show ospfv3
218.	show ospfv3 neighbors
219.	show ospfv3 neighbors detail
220.	show ospfv3 neighbors summary
221.	show radius
222.	show running-configuration
223.	show snmp
224.	show tacacs
225.	show tcp statistics
226.	show tech-support
227.	show terminal
228.	show users
229.	show version
230.	shutdown
231.	snmp-server enable traps
232.	snmp-server enable traps bgp
233.	snmp-server enable traps snmp

**AMENDED APPENDIX J.3 - Procket Networks vs. Cisco Command Overlap (2003/2004)**

234.	snmp-server location location
235.	speed
236.	ssh
237.	stopbits 1
238.	stopbits 2
239.	tacacs-server timeout seconds
240.	terminal length lines
241.	timers lsa-group-pacing seconds
242.	transmit-delay seconds
243.	tunnel mode gre ip
244.	write memory

In addition to the above Procket Networks CLI commands that overlap with Cisco CLI commands, the following Procket Networks command abstractions, which are not covered in the above list, also overlap with Cisco command abstractions. The overlapping command abstractions were disclosed in Appendix H.PR in with my Opening Report:

245.	aaa authentication login
246.	area range
247.	banner login
248.	clear counters
249.	clear ip bgp
250.	clock timezone
251.	enable secret
252.	interface ethernet
253.	ip access-group
254.	ip address
255.	ip host
256.	ip name-server
257.	ip ospf message-digest-key
258.	ip pim rp-address
259.	ip pim sparse-mode
260.	ip radius source-interface
261.	ip route
262.	ip tacacs source-interface
263.	ipv6 access-group
264.	ipv6 address
265.	ipv6 host
266.	ipv6 neighbor
267.	ipv6 route
268.	is-type
269.	logging host
270.	maximum-paths
271.	neighbor remote-as
272.	ntp authenticate
273.	ntp authentication-key

**AMENDED APPENDIX J.3 - Procket Networks vs. Cisco Command Overlap (2003/2004)**

274.	ntp source
275.	ntp trusted-key
276.	radius-server host
277.	router bgp
278.	router isis
279.	router ospf
280.	router rip
281.	router-id
282.	router-id (OSPFv3)
283.	show environment temperature
284.	show ip arp
285.	show ip bgp
286.	show ip bgp community
287.	show ip bgp neighbors
288.	show ip bgp summary
289.	show ip interface
290.	show ip interface brief
291.	show ip ospf
292.	show ip ospf border-routers
293.	show ip ospf interface
294.	show ip ospf request-list
295.	show ip route
296.	show ipv6 bgp
297.	show ipv6 bgp neighbors
298.	show ipv6 bgp summary
299.	show isis database
300.	show isis interface
301.	show privilege
302.	snmp-server community
303.	snmp-server contact
304.	snmp-server host
305.	tacacs-server host
306.	tacacs-server key
307.	terminal monitor



**APPENDIX L.1 - Usage of Accused Hierarchies by Vendors**

Command Hierarchy	# Vendors that Support Hierarchy	ADTRAN	Alcatel/ALU	Allied Telesis
aaa	13	SUPPORTED	SUPPORTED	SUPPORTED
bgp	9	SUPPORTED		
clear	18	SUPPORTED	SUPPORTED	SUPPORTED
dot1x	13		SUPPORTED	SUPPORTED
ip	18	SUPPORTED	SUPPORTED	SUPPORTED
ipv6	17	SUPPORTED	SUPPORTED	SUPPORTED
neighbor	14	SUPPORTED		
show	18	SUPPORTED	SUPPORTED	SUPPORTED
snmp-server	17	SUPPORTED	SUPPORTED	SUPPORTED
spanning-tree	15	SUPPORTED	SUPPORTED	SUPPORTED
vrrp	7	SUPPORTED	SUPPORTED	
<b>Total:</b>		10	9	8

[1] Supports "vrrp-group" and "vrrp-extended group" commands

[2] Supports "ip vrrp" command(s)

\*\* The manuals I reviewed do not appear to list any commands for this particular functionality

**APPENDIX L.1 - Usage of Accused Hierarchies by Vendors**

Avaya	Brocade	Dell (incl. Force10)	D-Link	Edge-Core	Ericsson
	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	
SUPPORTED		SUPPORTED	SUPPORTED	SUPPORTED	**
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	**
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
	[1]	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
8	9	11	11	11	8

**APPENDIX L.1 - Usage of Accused Hierarchies by Vendors**

Extreme Networks (incl. Enterasys)	Foundry Networks	HP	ISCLI (Lenovo, IBM, BNT)	Juniper JUNOSe	NETGEAR
SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED	SUPPORTED
SUPPORTED		SUPPORTED		SUPPORTED	
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED	SUPPORTED		SUPPORTED
SUPPORTED	[2]	[2]		[2]	[2]
11	9	10	8	8	8

APPENDIX L.1 - Usage of Accused Hierarchies by Vendors

NextHop Techs.	Procket Networks	Sun/Oracle
	SUPPORTED	
SUPPORTED		
SUPPORTED	SUPPORTED	SUPPORTED
		SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	SUPPORTED
SUPPORTED	SUPPORTED	
SUPPORTED	SUPPORTED	SUPPORTED
	SUPPORTED	SUPPORTED
**		SUPPORTED
[2]	[2]	[2]
6	7	7

**APPENDIX L.2 - Vendor Hierarchy Usage with Modes**

Command Hierarchy	# Vendors Supporting	ADTRAN	Command Mode	Alcatel/ALU	Command Mode	Allied Telesis	Command Mode
aaa	13	✓	Global Configuration Mode [ARISTANDCA13178601] Page 1081	✓	Global Configuration Mode [ARISTANDCA13187525] Page 292	✓	Global Configuration Mode [ARISTANDCA13185473] Page 298
bgp	8	✓	BGP Router Mode [ARISTANDCA13178601] Page 3829				
clear	18	✓	Enable Mode [ARISTANDCA13178601] Page 102	✓	User EXEC Mode / Privileged EXEC Mode [ARISTANDCA13187525] Page 414 / 349	✓	Privileged EXEC Mode / User EXEC Mode [ARISTANDCA13185473] Page 58 / 107
dot1x	13			✓	Global Configuration Mode / Interface Configuration Mode / Privileged EXEC Mode [ARISTANDCA13187525] Page 292	✓	Global Configuration Mode / Interface Configuration Mode / Privileged EXEC Mode [ARISTANDCA13185473] Page 367 / 369
ip	18	✓	BGP Router Mode / Global Configuration Mode / Enable Mode / Interface Configuration Mode [ARISTANDCA13178601] Page 35 / 4179 / 458 / 2066	✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13187525] Page 322 / 440	✓	Global Configuration Mode / Interface Configuration Mode / Privileged EXEC Mode [ARISTANDCA13185473] Page 24 / 135 / 97
ipv6	17	✓	Global Configuration Mode / Enable Mode / Interface Configuration Mode [ARISTANDCA13178601] Page 4139 / 460 / 2112	✓	ipv6 CLI Commands [ARISTANDCA13189829] Page 932 NO MODE SPECIFIED	✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13185473] Page 29 / 145
neighbor	14	✓	BGP Router Mode / BGP Address Family Mode [ARISTANDCA13178601] Page 3841 / 3851				
show	18	✓	Enable Mode / Basic Mode [ARISTANDCA13178601] Page 15 / 62	✓	Global Configuration Mode / User EXEC Mode / Privileged EXEC Mode [ARISTANDCA13187525] Page 528 / 494 / 279	✓	Privileged EXEC Mode / User EXEC Mode [ARISTANDCA13185473] Page 37 / 81
snmp-server	17	✓	Global Configuration Mode [ARISTANDCA13178601] Page 1085	✓	Global Configuration Mode [ARISTANDCA13187525] Page 554	✓	Global Configuration Mode [ARISTANDCA13185473] Page 245
spanning-tree	15	✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13178601] Page 1085 / 2041	✓	Global Configuration Mode / Interface Configuration Mode / Privileged EXEC [ARISTANDCA13187525] Page 574	✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13185473] Page 256 / 259
vrrp	8	✓	Interface Configuration Mode [ARISTANDCA13178601] Page 2042	✓	VRRP CLI Commands [ARISTANDCA13206391] Page 1852 NO MODE SPECIFIED		

**APPENDIX L.2 - Vendor Hierarchy Usage with Modes**

Avaya	Command Mode	Brocade	Command Mode	Dell (incl. Force10)	Command Mode	D-Link
		✓	Global Configuration Mode [ARISTANDCA_BROCADE01742302] Page 47/48	✓	Global Configuration Mode [DELL-ANETSUB00122116] Page 2	✓
✓	BGP Routing Configuration Mode [ARISTANDCA_AVAYA00031076] Page 138			✓	BGP Router Configuration Mode [DELL-ANETSUB00131695] Page 152/154	✓
✓	Privileged EXEC Mode / Interface Configuration Mode / Global Configuration Mode [ARISTANDCA_AVAYA00084952] Page 53 / 41 / 44	✓	Privileged EXEC Mode [ARISTANDCA_BROCADE01742302] Page 132	✓	Privileged EXEC Mode [DELL-ANETSUB00122116] Page 25	✓
		✓	Interface Configuration Mode / Global Configuration Mode / Privileged EXEC Mode [ARISTANDCA_BROCADE01742302] Page 304 / 305 / 308	✓	Global Configuration Mode / Interface Configuration Mode [DELL-ANETSUB00131695] Page 919 / 928	✓
✓	Privileged EXEC Mode / Interface Configuration Mode / Global Configuration Mode [ARISTANDCA_AVAYA00084952] Page 14	✓	Interface Configuration Mode / Controller Configuration Mode / RBridge ID configuration mode / Interface Subtype Configuration Mode [ARISTANDCA_BROCADE01742302] Page 427 / 428 / 431 / 435	✓	Interface Configuration Mode / Global Configuration Mode [DELL-ANETSUB00122116] Page 90 / 6	✓
✓	Interface Configuration Mode / Global Configuration Mode [ARISTANDCA_AVAYA00084952] Page 15	✓	Interface Configuration Mode / Global Configuration Mode / RBridge ID configuration mode / Interface Subtype Configuration Mode [ARISTANDCA_BROCADE01742302] Page 495 / 497 / 499 / 490	✓	Interface Configuration Mode / Global Configuration Mode [DELL-ANETSUB00131695] Page 482/343	✓
✓	OSPF Routing Configuration Mode / BGP Routing Configuration Mode [ARISTANDCA_AVAYA00031076] Page 807 / 808	✓	BGP configuration mode BGP address-family IPv4 unicast configuration mode BGP address-family IPv6 unicast configuration mode / OSPF VRF router configuration mode / [ARISTANDCA_BROCADE01742302] Page 653 / 655 /	✓	Router BGP Configuration Mode / IPv6 Address Family Configuration mode [DELL-ANETSUB00131695] Page 1162 / 1209	✓
✓	User EXEC Mode / Privileged EXEC Mode / Global Configuration Mode [ARISTANDCA_AVAYA00084952] Page 63 / 54 / 589	✓	Privileged EXEC Mode [ARISTANDCA_BROCADE01742302] Page 880	✓	Privileged EXEC Mode [DELL-ANETSUB00122116] Page 7	✓
✓	Global Configuration Mode [ARISTANDCA_AVAYA00084952] Page 1054	✓	Global Configuration Mode [ARISTANDCA_BROCADE01742302] Page 1510	✓	Global Config [DELL-ANETSUB00122116] Page 165	✓
✓	Interface Configuration Mode / Global Configuration Mode [ARISTANDCA_AVAYA00084952] Page 33	✓	Interface Subtype Configuration Mode [ARISTANDCA_BROCADE01742302] Page 1526	✓	Global Configuration Mode / Interface Configuration Mode [DELL-ANETSUB00122116] Page 174 / 739	✓
				✓	Interface Configuration Mode [DELL-ANETSUB00131695] Page 1798	✓

**APPENDIX L.2 - Vendor Hierarchy Usage with Modes**

Command Mode	Edge-Core	Command Mode	Ericsson	Command Mode	Extreme Net. (incl. Enterasys)
Global Configuration Mode [DKS 00051254] Page 93	✓	Global Configuration Mode [EC001178] Page 197			✓
Router Configuration Mode [DKS 00051254] Page 147	✓	Router Configuration Mode [EC004411] Page 1076			✓
Privileged EXEC Mode [DKS 00051254] Page 29	✓	Privileged EXEC Configuration Mode [EC001178] Page 125	✓	Privileged EXEC Mode [ARISTANDCA13256136] Page 748	✓
Interface Configuration Mode / Privileged EXEC Mode / Global Configuration Mode [ARISTANDCA13251549] Page 30 / 31	✓	Global Configuration Mode / Interface Configuration Mode / Privileged EXEC Mode [EC001178] Page 220	✓	Global Configuration Mode / Interface Configuration Mode / Privileged EXEC Mode [ARISTANDCA13256136] Page 674/675	✓
Interface Configuration Mode / Global Configuration Mode [DKS 00051254] Page 121 / 580	✓	Global Configuration Mode / Interface Configuration Mode / Privileged EXEC Mode [EC001178] Page 205 / 277 / 279	✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13256136] Page 1018/1016	✓
Interface Configuration Mode / Global Configuration Mode [DKS 00051254] Page 129 / 50	✓	Global Configuration Mode / Interface Configuration Mode [EC001178] Page 281 / 285			✓
Router Configuration Mode / Address Family Configuration Mode (IPv4 unicast, VPNv4 and VRF) [DKS 00051254] Page 173	✓	RIP Router Configuration Mode / BGP Router Configuration Mode [EC004411] Page 971 / 1095	✓	Router Configuration Mode [ARISTANDCA13256136] Page 1040	✓
User EXEC or Any Configuration Mode [DKS 00051254] Page 25	✓	Normal EXEC Mode / Privileged EXEC Mode [EC001178] Page 74	✓	Normal EXEC Mode, Privileged EXEC Mode [ARISTANDCA13256136] Page 961	✓
Global Configuration Mode [DKS 00051254] Page 236	✓	Global Configuration Mode / Interface Configuration Mode [EC001178] Page 153 / 401	✓	Global Configuration Mode [ARISTANDCA13256136] Page 613/614	✓
Global Configuration Mode / Interface Configuration Mode [DKS 00051254] Page 253 / 741	✓	Global Configuration Mode / Interface Configuration Mode / Privileged EXEC Mode [EC001178] Page 426 / 447 / 450	✓	Global Configuration Mode / Interface Configuration Mode / Privileged EXEC Mode [ARISTANDCA13256136] Page 796 / 810 / 820	✓
Interface Configuration Mode [DKS 00051254] Page 1554	✓	Interface Configuration Mode [EC001178] Page 948	✓	Interface Configuration Mode [ARISTANDCA13256136] Page 1000	✓



**APPENDIX L.2 - Vendor Hierarchy Usage with Modes**

Command Mode	Foundry Networks	Command Mode	HP	Command Mode	ISCLI (Lenovo, IBM, BNT)
Global Configuration Mode [EXNET-ARISTA0054421] Page 24	✓	Global Configuration Mode [ARISTANDCA_BROCADE313978] Page 37	✓	Global Configuration Mode [HPE93160] Page 202	
Global BGP Configuration Mode [EXNET-ARISTA0034418] Page 27-2			✓	BGP Routing Configuration Mode [HPE93160] Page 706	
User EXEC Mode / Privileged EXEC Mode [EXNET-ARISTA0054421] Page 24	✓	Privileged EXEC Mode / Global Configuration Mode / Interface Configuration Mode [ARISTANDCA_BROCADE313978] Page 34 / 38 / 46	✓	Enable Command Mode [HPE93160] Page 22	✓
Interface Configuration Mode [EXNET-ARISTA0057033] Page 528	✓	Privileged EXEC Mode / Global Configuration Mode / Interface Configuration Mode [ARISTANDCA_BROCADE00012094] Page 34 / 37 / 46	✓	Global Configuration Mode / Interface Configuration Mode [NoBatesHP002] 2005.05 - 9408sl-9300m-CLI-Jun2005-59906031.pdf Page 207 / 152	✓
Global Configuration Mode / Interface Configuration Mode [EXNET-ARISTA0054421] Page 25 / 379	✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA_BROCADE313978] Page 39 / 46	✓	Global Configuration Mode / Interface Configuration Mode ARISTANDCA00270741 Page 253 / 454	✓
Global IPv6 Configuration Mode / Interface IPv6 Configuration Mode [EXNET-ARISTA0034418] Page 44-3 / 44-13	✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA_BROCADE00012094] Page 40 / 48	✓	Global Configuration Mode / interface Configuration Mode [NoBatesHP002] 2005.05 - 9408sl-9300m-CLI-Jun2005-59906031.pdf Page 265 / 388	✓
OSPF Routing Mode [EXNET-ARISTA0047042] Page 771	✓	Router Configuration Mode (RIP Level) / (BGP) / Global BGP and BGPv4 Unicast Address Level / Address Family Configuration Mode / IPv6 BGP [ARISTANDCA_BROCADE00012094] Page 52 / 57-59	✓	BGP Router Configuration Mode [HPE48032] Page 313-314	✓
User EXEC Mode / Privileged EXEC Mode / Global Config Mode / Interface Configuration Mode [EXNET-ARISTA0054421] Page 24/25/25/379	✓	User EXEC Mode / Privileged EXEC Mode / Global Configuration Mode / Interface Configuration Mode [ARISTANDCA_BROCADE313978] Page 33-34 / 44 / 47	✓	Basic Command Mode / Enable Command Mode [HPE93160] Page 15	✓
Global Configuration Mode [EXNET-ARISTA0054421] Page 25	✓	Global Configuration Mode [ARISTANDCA_BROCADE313978] Page 44	✓	Global Configuration Mode [HPE93160] Page 334	✓
Global Configuration Mode / Interface Configuration Mode [EXNET-ARISTA0054421] Page 25 / 379	✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA_BROCADE313978] Page 44 / 47	✓	Global Configuration Mode / Interface Configuration Mode [HPE93160] Page 346 / 478	✓
Virtual Server Configuration Mode / Interface Configuration Mode [EXNET-ARISTA0047042] Page 719 / 806					

**APPENDIX L.2 - Vendor Hierarchy Usage with Modes**

Command Mode	Juniper JUNOSE	Command Mode	NETGEAR	Command Mode	NextHop Techs.
	✓	Global Configuration Mode [ARISTANDCA13290090] 2003.05 - Juniper ERX Edge Routers Command Reference Guide (A-M).pdf Page 19	✓	Global Configuration Mode [ARISTANDCA13350585] Page 649	
	✓	Router Configuration Mode / Address Family Configuration Mode [ARISTANDCA13290090] 2003.05 - Juniper ERX Edge Routers Command Reference Guide (A-M).pdf Page 89 / 93			✓
Privileged EXEC Mode / Global Configuration Mode [LENOVO-ARISTA000001] Page 543	✓	Privileged EXEC Mode / User EXEC Mode [ARISTANDCA13290090] 2003.05 - Juniper ERX Edge Routers Command Reference Guide (A-M).pdf Page 116 / 121	✓	Privileged EXEC Mode / User EXEC Mode / Global Configuration Mode [ARISTANDCA13350585] Page 542 / 137 / 82	✓
Global Configuration Mode / Interface Configuration Mode [LENOVO-ARISTA000001] Page 337 / 340			✓	Global Configuration Mode / Interface Configuration Mode / Privileged EXEC Mode [ARISTANDCA13350585] Page 78/76/76	
Global Configuration Mode / Interface Configuration Mode [LENOVO-ARISTA000001] Page 272 / 380	✓	Interface Configuration Mode / Profile Configuration Mode / Global Configuration Mode [ARISTANDCA13290090] 2003.05 - Juniper ERX Edge Routers Command Reference Guide (A-M).pdf Page 203 / 203 / 204	✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13350585] Page 132	✓
Global Configuration Mode / Interface Configuration Mode [LENOVO-ARISTA000001] Page 378 / 380	✓	Interface Configuration Mode / Global Configuration Mode [ARISTANDCA13290090] 2003.05 - Juniper ERX Edge Routers Command Reference Guide (A-M).pdf Page 260	✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13350585] Page 354 / 355	✓
BGP Router Mode / OSPFv3 Router Mode [LENOVO-ARISTA000001] Page 407/457	✓	Router Configuration Mode / Address Family Configuration Mode [ARISTANDCA13290444] 2003.05 - Juniper ERX Edge Routers Command Reference Guide (N-Z).pdf Page 19 / 20			✓
User EXEC Mode / Privileged EXEC Mode / Global Configuration Mode [LENOVO-ARISTA000001] Page 31	✓	Privileged EXEC Mode / User EXEC Mode [ARISTANDCA13290444] 2003.05 - Juniper ERX Edge Routers Command Reference Guide (N-Z).pdf Page 143 / 147	✓	Privileged EXEC Mode / User EXEC Mode / Global Configuration Mode [ARISTANDCA13350585] Page 167 / 38 / 116	✓
Global Configuration Mode [LENOVO-ARISTA000001] Page 279	✓	Global Configuration Mode [ARISTANDCA13290444] 2003.05 - Juniper ERX Edge Routers Command Reference Guide (N-Z).pdf Page 270	✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13350585] Page 660 / 662	
Global Configuration Mode / Interface Configuration Mode [LENOVO-ARISTA000001] Page 336 / 307			✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13350585] Page 28	

**APPENDIX L.2 - Vendor Hierarchy Usage with Modes**

Command Mode	Procket Networks	Command Mode	Sun/Oracle	Command Mode
	✓	Privileged Configuration Command Mode [ARISTANDCA13357279] Page 289		
BGP Router Configuration Mode [ARISTANDCA13352468] Page 203				
User EXEC Mode / Privileged EXEC Mode [ARISTANDCA13352468] Page 152 / 153	✓	Privileged Operations Command Mode [ARISTANDCA13357279] Page 183	✓	Global Configuration Mode / Privileged EXEC Mode [ARISTANDCA13363443] Page 110 / 114
			✓	Global Configuration Mode / Interface Configuration Mode / Privileged EXEC Mode [ARISTANDCA13363036] Page 150/150/151
Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13352468] Page 67 / 154	✓	Privileged Configuration Command Mode / Privileged Interface Configuration Mode [ARISTANDCA13357279] Page 289 / 378	✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13363443] Page 50 / 51
Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13352468] Page 172 / 157	✓	Privileged Configuration Command Mode / Privileged Interface Configuration Mode [ARISTANDCA13357095] Page 37 / 36	✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13363443] Page 254 / 581
BGP Router Configuration Mode / Address Family Configuration Mode [ARISTANDCA13352468] Page 252 / 250	✓	Privileged Router Mode [ARISTANDCA13357095] Page 166		
User EXEC Mode / Privileged EXEC Mode / Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13352468] Page 82	✓	Non-Privileged Operations Command Mode / Privileged Operations Command Mode [ARISTANDCA13357279] Page 37 / 38	✓	Privileged EXEC Mode / User EXEC Mode [ARISTANDCA13363443] Page 52 / 598
	✓	Privileged Configuration Command Mode [ARISTANDCA13357279] Page 490	✓	Global Configuration Mode [ARISTANDCA13363443] Page 455
			✓	Global Configuration Mode / Interface Configuration Mode [ARISTANDCA13363443] Page 97 / 105